Keyscan Electronic Access Control Canada Price Book

Effective January 2020
General Terms and Conditions of Sale

1 GENERAL TERMS

dormakaba Canada Inc. (formerly "Keyscan Inc.") reserves the right to change any or all prices, effective 30 days after delivering a notice of price list change and/or a revised price list. Effective date of change may be delayed or modified at dormakaba Canada's discretion. Prices in effect at time of order apply. All pricing is F.O.B. dormakaba Canada's facility, Whitby, Ontario, Canada. dormakaba Canada will not be liable for any loss or damage to goods while in transit.

To eliminate order discrepancies, dormakaba Canada requires all orders to be sent to dormakaba Canada in writing by email (eadorders.ca@dormakaba.com) or fax 905-430-7275.

2 PAYMENT TERMS

Terms of sale are 'Prepayment with Order' unless prior credit arrangements are established. If credit arrangements are established, the standard terms of sale are Net 30 Days. No shipments will be made to any customer with a past due account. Any account that is past due by more than 90 days will automatically be sent to a commercial credit and collection agency.

3 PURCHASE ORDERS

All purchase orders should include billing and shipping addresses, level of shipping service (Overnight/Red, 2-Day / Blue, 3-Day/orange, Standard/Ground), courier account number (if shipping on 3rd party account), contact name and telephone number. If delivery method is not specified on your purchase order, the default shipping method will be UPS Blue (two day) for U.S. orders and UPS Ground for Canadian orders. Purchase Orders must contain correct pricing; any pricing discrepancies must be corrected in writing.

4 ORDER CONFIRMATIONS

Order Confirmations will be sent out via email/fax within 48 hours (2 business day) after receipt of Purchase Order.

5 DROP-SHIP ORDERS

dormakaba Canada will accept requests to drop-ship directly to your customer or job site. For U.S. orders, if shipping method is not specified, they will be sent UPS Blue to ensure brokerage fees are not charged to your customer.

6 ORDER TURN AROUND TIMES

Orders for stock items received prior to noon Eastern Time will be shipped within 3-4 business days. Stocking orders will be shipped within 5 business days from date of receipt. dormakaba Canada will endeavor to accommodate urgent requests or special non-stock item orders on an individual basis depending on both product availability and warehouse resources. Large stock orders will be shipped as soon as is possible and will depend on availability and warehouse resources.

7 BACK ORDERS AND PARTIAL SHIPMENTS

dormakaba Canada will provide notification of the estimated ship date of any back-ordered items.

8 PRE-ORDERS

Orders for stock items may be placed in advance with a requested ship date. dormakaba Canada welcomes these orders for stock items and they will be accepted if the requested ship date does not exceed 14 days. dormakaba Canada will set aside stock specifically for the pre-order and will not ship or invoice for these products until the requested date. This ensures that stock is available and that there is sufficient time to process and pack the order so that deadlines are met. These pre-orders cannot be modified or cancelled.

9 SPECIAL ORDER PRODUCTS

Special orders are defined as orders for any product and/or service that is not listed in the Keyscan Price List specifically identified as such. Special orders have a minimum order value of $5,000.00 either USD or CAD. Special orders below the minimum value will not be accepted.

Special orders require a 50% deposit of the total to be provided at time of order. The remaining 50% of the order value must be paid before shipping. Please note that due to the nature of some special order projects, some special orders may incur additional handling charges or require upfront payment in full. Please contact dormakaba Canada for more details.

Lead time unless otherwise specified will be a minimum of 20 – 25 business days to dormakaba Canada. Please allow additional time for handling and shipping from dormakaba Canada to the customer, per the details specified on the order.

NOTE: Special orders cannot be cancelled. All special orders are sold on a final, non-cancellable, non-returnable and nonrefundable basis.
10 NON-STOCK ITEMS
For those items marked as Non-stock on the price list, dormakaba Canada may request a deposit or full payment before accepting the order. Lead time, unless otherwise specified will be a minimum of 20 – 25 business days to dormakaba Canada. Please allow additional time for handling and shipping from dormakaba Canada to the customer, per the details specified on the order.

NOTE: Non-stock orders cannot be cancelled. All non-stock orders are sold on a final, non-cancellable, non-returnable and nonrefundable basis.

11 MERCHANDISE RETURN POLICY
Refer to published RMA Policy Guide (revision October, 2013).

12 MINIMUM ORDER PURCHASE POLICY
All orders of stock equipment under $300.00 will be subject to a $50.00 handling charge.

13 CREDIT CARD PURCHASES
dormakaba Canada will accept payment for orders by credit card. dormakaba Canada accepts either VISA or Mastercard. Orders to be paid by credit card will only be accepted at time of order.

14 SELLER’S RIGHT OF POSSESSION
In addition to all remedies dormakaba Canada may possess, it shall have the right at any time for credit reasons or because of customer’s defaults, to withhold shipments in whole or in part, to recall goods in transit, retake same and repossess all goods which may be stored, without the necessity of taking any other action. Customer consents that all merchandise so recalled, retaken or repossessed shall become the absolute property of dormakaba Canada, provided that customer is promptly notified of such action and is given full credit therefore.

15 PRODUCT INSTALLATION AND OPERATION
Customer assumes all responsibility for the proper selection, installation, operation, maintenance and adherence to any and all federal state/provincial, municipal building and fire codes of the merchandise purchased from dormakaba Canada. dormakaba Canada SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENTIAL, CONTINGENT, SPECIAL OR INCIDENTAL DAMAGES whatsoever, except as specifically set forth in the LIMITED WARRANTY.

16 LIMITED WARRANTY
dormakaba Canada warrants that all its manufactured products shall be free of defects in materials and workmanship under normal use for a period of two years from the date of purchase. In fulfillment of any breach of such warranty, dormakaba Canada shall, at its option, repair or replace defective equipment upon return to its facilities. This warranty applies only to defective parts or workmanship. This warranty does not apply to damage that occurred during shipping or handling or damage due to causes beyond the control of dormakaba Canada such as lightning, excessive voltage, mechanical shock, water damage or damage arising out of abuse, alteration or improper application of the equipment.

This warranty does not extend to products distributed by dormakaba Canada that are manufactured by 3rd parties. The original equipment manufacturer’s warranty shall apply.

The foregoing warranty shall apply only to the original customer and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of dormakaba Canada. This warranty contains the entire warranty. dormakaba Canada neither assumes nor authorizes any other person purporting to act on its behalf to modify or to change this warranty nor to assume for it any other warranty or liability concerning this product.

In no event shall dormakaba Canada be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the customer in connection with the purchase, installation or operation or failure of this product.

WARNING
dormakaba Canada recommends that the entire system be completely tested on a regular basis. However, despite frequent testing and due to but not limited to criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.
Warranty Terms

dormakaba Canada warrants that all its manufactured products shall be free of defects in materials and workmanship under normal use for a period of two years from the date of purchase. In fulfillment of any breach of such warranty, dormakaba Canada shall, at its option, repair or replace defective equipment upon return to its facilities. This warranty applies only to defective parts or workmanship. This warranty does not apply to damage that occurred during shipping or handling or damage due to causes beyond the control of dormakaba Canada such as lightning, excessive voltage, mechanical shock, water damage or damage arising out of abuse, alteration or improper application of the equipment.

This warranty does not extend to products distributed by dormakaba Canada that are manufactured by third-parties. The original equipment manufacturer’s warranty shall apply.

The foregoing warranty shall apply only to the original customer and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of dormakaba Canada.

This warranty contains the entire warranty. dormakaba Canada neither assumes nor authorizes any other person purporting to act on its behalf to modify or to change this warranty nor to assume for it any other warranty or liability concerning this product.

In no event shall dormakaba Canada be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the customer in connection with the purchase, installation or operation or failure of this product.

dormakaba Canada’s Keyscan product warranty code table

<table>
<thead>
<tr>
<th>Warranty Code</th>
<th>Term of Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Two years</td>
</tr>
<tr>
<td>B</td>
<td>One year</td>
</tr>
<tr>
<td>C</td>
<td>Lifetime (third-party manufacturers)</td>
</tr>
<tr>
<td>D</td>
<td>Three years</td>
</tr>
<tr>
<td>E</td>
<td>Warranty: CA150WL/CA150WLN – Two (2) Years; PIM400-485 / GNDE – One (1) Year (Third-Party provided from date of installation. Not to exceed two (2) years from date of manufacture.)</td>
</tr>
<tr>
<td>F</td>
<td>PIM400-485: One (1) Year (Third-Party provided) from date of installation. Not to exceed two (2) years from date of manufacture.</td>
</tr>
<tr>
<td>H</td>
<td>Limited Lifetime (third-party manufacturers)</td>
</tr>
<tr>
<td>J</td>
<td>Refer to Software EULA document for Limited Warranty details for Licensed Basic Software</td>
</tr>
<tr>
<td>K</td>
<td>Media Replacement Warranty of 90 days. No additional Software Warranty. Refer to original Software EULA for details. For Software License Modules</td>
</tr>
<tr>
<td>M</td>
<td>30 Day Miscellaneous Parts Warranty – Firmware, Cables</td>
</tr>
<tr>
<td>N/A</td>
<td>Warranty Not Applicable</td>
</tr>
</tbody>
</table>
RMA Request Form

RMA Number: 
Date: 
Original PO#: 
Original Invoice#: 
Distributor Name: 
Address: 
Fax: 
Email: 
Phone #: 
Dealer Name: 
Address: 
Fax: 
Email: 

Return Type: ☐ Warranty ☐ Repair ☐ Credit (15-40% restocking fee may apply)

Reason for return:
Did you contact dormakaba Canada’s Keyscan Technical Support Department ☐ Yes ☐ No

Email request to: eadrma.ca@dormakaba.com

All products returned must be pre-approved by dormakaba Canada and have an RMA number. Refer also to the terms as outlined in Terms and Conditions of Sale.

dormakaba Canada Part Number | Serial Number | Quantity | Unit Price | Data Label
--- | --- | --- | --- | ---


dormakaba Canada is not responsible for items not listed above.

Note: Products returned by customer must ship free domicile – collect shipments will be refused. For products being returned, you must provide the DATE from the dormakaba Canada date label. In the case of ACU UNITS, provide the SERIAL NUMBER from the actual ACU board itself. All goods being returned from outside Canada must be returned by UPS prepaid service. dormakaba Canada will provide a commercial invoice for customs purposes. dormakaba Canada does not recommend insuring goods. Customers returning product by any other carrier than UPS will have the brokerage fees charged back to their account.

Return product to:

Address

Shipper’s Acct #: ☐ Red ☐ Blue (standard)
Return Merchandise (RMA) Policy

When returning products to dormakaba Canada Inc. (formerly "Keyscan Inc.") follow the procedures outlined below otherwise the returned merchandise will not be accepted.

- Obtain a Return Merchandise Authorization (RMA) number from dormakaba Canada prior to shipment.
- dormakaba Canada will not accept any products without an RMA number.
- Dealers must contact dormakaba Canada’s Technical Support Department before requesting an RMA.
- Proof of delivery of products not previously documented with a dormakaba Canada RMA number is required.
- Collect shipments will be refused.
- Do not insure products

Returns from outside Canada

In addition to the above procedures, the following conditions apply:

- Use dormakaba Canada’s Commercial Invoice when returning items from outside Canada.
- Attach dormakaba Canada’s Commercial Invoice to the outside of the package clearly indicating the RMA number. Also enclose a copy of the dormakaba Canada commercial invoice inside the package.
- Products should be returned to dormakaba Canada UPS Prepaid. Products not marked as Prepaid will have additional shipping/handling charges and these charges will be passed on to the customer.

Defective products covered under warranty

- Defective Products that are within the warranty period will be assessed and if found defective due to manufacturer’s defect, will be repaired or replaced at dormakaba Canada’s discretion.
- Power surges and water damage void the warranty on products. Applicable repair charges apply in these cases.
- Should the product be no fault found, they will be returned to the customer as is.
- dormakaba Canada will return the products prepaid to the customer.

Defective products not covered under warranty

- For products where applicable warranty period has expired or which have suffered non-warrantable damage, dormakaba Canada will advise customer of estimated repair cost. A purchase order or credit card (Mastercard/Visa) is required at the time the RMA is issued in order to expedite repair.
- Upon receipt, dormakaba Canada will attempt to repair products. In cases where a repair is feasible, the repair cost and shipping cost will be charged to the customer.
- If upon review the defective products are not repairable, dormakaba Canada’s RMA Department will advise customer and agree on the disposition of the products. An evaluation and handling fee will be assessed to customer and charged against the purchase order or credit card provided.

No fault found

- In both warranty and non-warranty products if upon evaluation, it is determined products are not defective (No Fault Found), dormakaba Canada will charge an Evaluation and Handling Fee. This fee is charged to the customer for dormakaba Canada’s testing and evaluation time. These products will be returned to the customer as is.
- Applicable return shipping charges are invoiced to the customer in these instances.

Return for credit

- Products that the customer wishes to return for credit must be of a current version and found to be in first inventory condition.
- A copy of the original Purchase Order is required as any credit will be based on the original invoice amount.
- Restocking fees apply in all cases.
- Markings, labels and other non-dormakaba Canada notations on the products may require repackaging and handling.
- Credit for products will only be given once products have been evaluated by dormakaba Canada.
- Power surges and water damage void the warranty on products. Applicable repair charges will apply in these cases.
- Should the product be functional at dormakaba Canada, they will be returned to the customer as is with no credit issued.
- dormakaba Canada reserves the right to deny credit.

Packaging instructions

Improperly packaged products may result in damage during transit. Damage incurred during transit will void any Warranty coverage and may render products non-repairable or increase repair costs depending on the extent of the damage. Please observe the following:

- Where possible, ship RMA products in the original packaging. This packaging, when properly used, is designed to protect the products during transit.
- When the original packaging is not available, use an appropriately sized box with bubble wrap or other similar material to wrap and protect the products. Improper packaging can result in damage to the products.
- ACU boards should be individually wrapped and not packed with heavy devices that could cause damage.
- For further packaging recommendations consult with dormakaba Canada’s RMA Department prior to shipment.

General RMA disclaimer

dormakaba Canada assumes no responsibility for any data that resides on RMA returned products. It is the sole responsibility of the customer requesting an RMA to ensure any and all sensitive or essential data is off loaded, backed up and/or erased prior to shipment to dormakaba Canada. The customer requesting an RMA understands that through the standard RMA repair and evaluation process dormakaba Canada will clear all data elements on the returned products.

Readers – warranty claims procedures

The third-party manufacturer provides warranties on all Keyscan readers. To ensure shipments of warranty replacements are not delayed, please observe the following procedures:

- Readers must have been originally purchased through one of dormakaba Canada’s sales channels using dormakaba Canada part numbers. Confirm product has a dormakaba Canada date label attached to the back of the reader.
- Reader wiring pigtails must be left intact for product testing purposes. Failure to leave the pigtails intact will void warranty, and the reader will be returned to the customer as is.
- Return reader(s) to dormakaba Canada, following dormakaba Canada’s Return Merchandise Policy outlined on this document. Once readers are received at dormakaba Canada they will be tested to confirm they are defective.
- Defective readers will be replaced and returned to customer requesting RMA with prepaid shipping.
- Readers that work at dormakaba Canada will be returned to the customer requesting RMA as is with no replacement issued. Readers will be returned collect and an evaluation fee may apply.
- dormakaba Canada does not offer credit for readers covered by warranty.
- Readers subjected to vandalism, harsh environments and other extenuating circumstances may be denied warranty coverage. Contact dormakaba Canada RMA Department for Warranty coverage details if necessary.
RF Transmitters & Receivers-Warranty Return Policy

Repair and Return
dormakaba Canada will not accept returns for repair of any dormakaba Canada wireless transmitter key Fobs after the warranty period has expired. dormakaba Canada will offer out of warranty repair services for RF receiver units.

Standard Wear and Tear
While dormakaba Canada endeavors to provide only the very best products, specific field use and/or abuse can reduce the lifespan of any product. RF Transmitters are ruggedly built, however it is to be expected that there may be a moderate failure rate resulting from heavy physical abuse, exposure to excessive moisture, etc. These products do not justify significant repair costs, freight for return, administrative overhead, etc.

Battery Lifespan
dormakaba Canada has selected a battery that should provide extended use for these transmitters. However, as with any battery-operated device, their lifespan is a direct result of usage, frequency and environment. As such, dormakaba Canada assumes no responsibility for battery life and batteries are not under warranty.

Software
Please observe the following procedures:
• All software is assessed a 25% restocking fee.
• Replacement software and electronic license keys are non-returnable.
• Software must be unregistered. Registered software will be returned to the customer as is.

Proximity and Graphic Cards – Credit Returns
• Please observe the following guidelines to ensure your credit is processed quickly:
• Items should be returned in their original packaging.
• The item quantity, batch number and sequential numbering of any cards returned should be the same as on the original invoice.
• Refer to the quantity marked on the original packaging and return same amount. dormakaba Canada cannot give credit for broken carton quantities.
• The original packaging must be in re-saleable condition. Please do not write on or mark the packaging or labels. The product may be returned as is with no credit issued in these cases.
• Any handling of the graphic-quality cards will result in degraded print. If the original packaging of graphic-printable cards is opened, it cannot be returned.
• Items should be repacked in such a way as to ensure the product is not damaged in transit.

dormakaba Canada cannot be held responsible for product that is damaged in shipment due to improper packaging. Credit may be denied if the preceding guidelines are not followed and the product is damaged in shipment.
Door Controllers

Keyscan LUNA Software

**Part No:** LUNA

Keyscan LUNA is a new comprehensive software package designed to function with Keyscan LUNA solution for small access control installations. One software database can power up to 6 Keyscan SDAC access control units.

**Features and Benefits:**
- Install, configure and operate up to 6 SDAC units.
- Low computer overhead, minimal installation requirement for report viewer.
- Comprehensive and easy to use.
- Encrypted database.
- Downloadable and can be run from a USB drive.
- No licensing or recurring fees Upon purchase of LUNA SDAC unit.

**Availability:** download, visit www.dormakaba.ca/Lunasoftware

**MSRP:** No charge

Keyscan LUNA Single Door Controller

**Part No:** SDAC

Functions exclusively with Keyscan LUNA software. SDAC operates on a point-to-point Wi-Fi or WLAN network connection. SDAC functions with multiple card formats up to 10,000 credential-holders, 6000 transaction buffers, 24hr and no access schedules and 15 Groups. It features SPDT door relay for 12VDC or dry contact. Requires Keyscan LUNA™ access control software. Download no charge from www.dormakaba.us/LUNAsoftware.

**Features and Benefits:**
- Requires Keyscan LUNA™ access control software
- Complementary download from www.dormakaba.ca/Lunasoftware
- Grey two-piece enclosure (7.5” H X 6.75” W X 1.75” D)
- ½” knockouts (top, bottom & two on back)
- Requires 12VDC external power supply for control, reader(s), RTE and lock.

**Availability:** Stock

**Warranty:** A

**Lead time:** 4 Business days

**MSRP:** $911.43
Door Controllers

Keyscan LUNA SDAC Smart Kit

Part No: SDACSKT

Kit includes 1 – SDAC control; 1 – 12VDC plug-in transformer; 1 – K-SMART3 13.56 MHz mobile-ready reader; and 1 ten-pack K-SECURE 1K credentials. Add one electric strike for your door application (sold separately) and you have a complete door control solution. SDAC control operates on a point-to-point Wi-Fi or WLAN network connection. The system offers up to 10,000 credential-holders, 6000 transaction buffers, 24hr and no access schedules and 15 Groups. It features a SPDT door relay for a 12VDC output or dry contact (Form C). Requires Keyscan LUNA™ access control software. Additional battery backup power supply required for this type of application.

Features and Benefits:

• Kit includes 1 – control unit, 1 – plug-in power supply, ten pack of credentials and 1 – BLE and smart card reader.
• Complementary download of Keyscan LUNA™ access control software from www.dormakaba.ca/Lunasoftware
• Grey two-piece metal enclosure (7.5" H X 6.75" W X 1.75" D)
• ½" knockouts (top, bottom & two on back)
• Provided plug-in transformer powers control unit, reader and low current electric strike. Can also provide 12VDC external power for additional reader and RTE.

Availability: Stock | Warranty: A | Lead time: 7 Business days | MSRP: $1540.23

Keyscan Single Door PoE Equipped Controller

Part No: CA150

When it comes to performance, capacities and overall capability, the CA150 is comparable with our full line of access control units. It is an innovative IP “At-The-Edge” solution. The CA150 easily accommodates securing isolated but critical single door applications or to add one additional door to an existing system.

Features and Benefits:

• Single door ACU with in/out reader ability
• Black metal enclosure (7" W X 7.5" H X 1.7" D)
• Credential capacity up to 45,000
• Two aux inputs with one aux output. Outputs supply 12VDC or dry
• PoE 15.4 W powered* or 12VDC 680mA input. You can use 12 VDC output for strike and RTE

Availability: Stock | Warranty: A | Lead time: 4 Business days | MSRP: $1,514.13
Door Controllers

Keyscan 2-Reader Access Control Unit
Part No: CA250

The CA250 is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA250 is a package that includes 1 CA250B ACU board, 1-OCB8 relay board, 1-DPS-15 power supply, and 1-black metal enclosure with lock and tamper switch.

Features and Benefits:
• Requires 2x 16VAC 37 or 40 VA transformers and 1 X 12V 7Ah battery
• Credential capacity up to 45,000
• 2 card readers and/or keypads
• 2 Auxiliary outputs and 8 auxiliary inputs
• All inputs on ACU board may be supervised with EOL resistors
• Black metal enclosure (16"W x 20"H x 5.5”D)


Keyscan 4-Reader Access Control Unit
Part No: CA4500

The Keyscan CA4500 is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA4500 is a package that includes 1 CA4500B ACU board, 1-OCB8 relay board, 1-DPS-15 power supply, and 1-black metal enclosure with lock and tamper switch.

Features and Benefits:
• Requires 2 X 16VAC, 40VA Transformer, 12V, 7Ah Battery
• Credential capacity up to 45,000
• 4 card readers and/or keypads
• 4 auxiliary outputs & 16 auxiliary inputs
• All inputs on ACU board may be supervised with EOL resistors
• Black metal enclosure (16"W x 20"H x 5.5”D)
Door Controllers

Keyscan 8-Reader Access Control Unit

Part No: CA8500

The Keyscan CA8500 is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA8500 is a package that includes 1 CA8500B ACU board, 2-OCB8 relay boards, 1-DPS-15 power supply, and 1-black metal enclosure with lock and tamper switch.

Features and Benefits:
- Requires 2 X 16VAC; 40VA Transformer; 12V, 7Ah Battery
- Credential capacity up to 45,000
- 8 card readers and/or keypads
- 8 auxiliary outputs & 16 auxiliary inputs
- All inputs on ACU board may be supervised with EOL resistors
- Black metal enclosure (16"W x 20"H x 5.5"D)

| Availability: Stock | Warranty: A | Lead time: 4 Business days | MSRP: $6897.73 |

Keyscan Single Door Equipped Controller

Part No: CA150M (90k credentials)

When it comes to performance, capacities and overall capability, the CA150 is comparable with our full line of access control units. It is an innovative IP “At-The-Edge” solution. The CA150 easily accommodates securing isolated but critical single door applications or to add one additional door to an existing system.

This unit is special order hardware programmed for up to 90,000 credentials. It functions only with Aurora software.

Features and Benefits:
- Single door ACU with in/out reader ability
- Black metal enclosure (7"W X 7.5"H X 1.7" D)
- Two aux inputs with one aux output. Outputs supply 12VDC or dry
- PoE 15.4 W powered* or 12VDC 680mA input. You can use 12 VDC output for strike and RTE
- Credential capacity up to 90,000
- For use with Aurora software only

| Availability: Stock | Warranty: A | Lead time: 14-16 weeks | MSRP: $1,630.43 |
Door Controllers

Keyscan 2-Reader Access Control Unit

Part No: CA250M  (90k credentials)

The Keyscan CA250M is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA250 is a package that includes 1 CA250B ACU board, 1-OCB8 relay board, 1-DPS-15 power supply, and 1-black metal enclosure with lock and tamper switch. This unit is special order hardware programmed for up to 90,000 credentials. It functions only with Aurora software.

Features and Benefits:
- Requires 2 X 16VAC ; 40VA Transformer; 12V, 7Ah Battery
- Credential capacity up to 90,000
- 2 card readers and/or keypads
- 2 auxiliary outputs and 8 auxiliary inputs
- All inputs on ACU board may be supervised with EOL resistors
- For use with Aurora software only.
- Black metal enclosure (16"W x 20"H x 5.5"D)

<table>
<thead>
<tr>
<th>Availability</th>
<th>Warranty</th>
<th>Lead time</th>
<th>MSRP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non stock</td>
<td>A</td>
<td>14-16 weeks</td>
<td>$2,424.00</td>
</tr>
</tbody>
</table>

Keyscan 4-Reader Access Control Unit

Part No: CA4500M  (90k credentials)

The Keyscan CA4500M is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA4500M is a package that includes 1 CA4500B ACU board, 1-OCB8 relay board, 1-DPS-15 power supply, and 1-black metal enclosure with lock and tamper switch. This unit is special order hardware programmed for up to 90,000 credentials. It functions only with Aurora software.

Features and Benefits:
- Requires 2 X 16VAC ; 40VA Transformer; 12V, 7Ah Battery
- Credential capacity up to 90,000
- 4 card readers and/or keypads
- 4 auxiliary outputs & 16 auxiliary inputs
- All inputs on ACU board may be supervised with EOL resistors
- For use with Aurora software only.
- Black metal enclosure (16"W x 20"H x 5.5"D)

<table>
<thead>
<tr>
<th>Availability</th>
<th>Warranty</th>
<th>Lead time</th>
<th>MSRP</th>
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<tbody>
<tr>
<td>Stock</td>
<td>A</td>
<td>14-16 weeks</td>
<td>$4,117.91</td>
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</tbody>
</table>
Door Controllers

Keyscan 8-Reader Access Control Unit

Part No: CA8500M  (90k credentials)

The Keyscan CA8500M is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA8500M is a package that includes 1 CA8500B ACU board, 2-OCB8 relay boards, 1-DPS-15 power supply, and 1-black metal enclosure with lock and tamper switch. This unit is special order hardware programmed for up to 90,000 credentials. It functions only with Aurora software.

Features and Benefits:
• Requires 2 X 16VAC; 40VA Transformer; 12V, 7Ah Battery
• Credential capacity up to 90,000
• 8 card readers and/or keypads
• 8 auxiliary outputs & 16 auxiliary inputs
• All inputs on ACU board may be supervised with EOL resistors
• For use with Aurora software only.
• Black metal enclosure (16"W x 20"H x 5.5"D)

Availability: Non stock  Warranty: A  Lead time: 14-16 weeks  MSRP: $7,020.94

Keyscan 2-Reader Access Control Unit

Part No: CA250NB  (no enclosure)

The Keyscan CA250NB is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA250NB is a package that includes 1 CA250B ACU board, 1-OCB8 relay board, and 1-DPS-15 power supply. This does not include a black metal enclosure.

Features and Benefits:
• Requires 2 X 16VAC; 40VA Transformer; 12V, 7Ah Battery
• Credential capacity up to 45,000
• 2 card readers and/or keypads
• 2 auxiliary outputs & 8 auxiliary inputs
• All inputs on ACU board may be supervised with EOL resistors

Availability: Stock  Warranty: A  Lead time: 5-7 Business days  MSRP: $2,171.79
Keyscan 4-Reader Access Control Unit

Part No: CA4500NB  (no enclosure)

The Keyscan CA4500NB is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA4500NB is a package that includes 1 CA4500B ACU board, 1-O CB8 relay board, and 1-DPS-15 power supply. This does not include a black metal enclosure.

Features and Benefits:
• Requires 2 X 16VAC; 40VA Transformer; 12V, 7Ah Battery
• Credential capacity up to 45,000
• 4 card readers and/or keypads
• 4 auxiliary outputs & 16 auxiliary inputs
• All inputs on ACU board may be supervised with EOL resistors

Availability: Non stock  Warranty: A  Lead time: 5-7 Business days  MSRP: $3,685.93

Keyscan 8-Reader Access Control Unit

Part No: CA8500NB  (no enclosure)

The Keyscan CA8500NB is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA8500NB is a package that includes 1 CA8500B ACU board, 2-OCB8 relay boards, and 1-DPS-15 power supply. This does not include a black metal enclosure.

Features and Benefits:
• Requires 2 X 16VAC; 40VA Transformer; 12V, 7Ah Battery
• Credential capacity up to 45,000
• 8 card readers and/or keypads
• 8 auxiliary outputs & 16 auxiliary inputs
• All inputs on ACU board may be supervised with EOL resistors

Availability: Non stock  Warranty: A  Lead time: 5-7 Business days  MSRP: $6,714.19
Door Controllers

Keyscan 2-Reader Access Control Unit
Part No: CA250NBM  (90k credentials, no enclosure)

The Keyscan CA250NBM is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA250NBM is a package that includes 1 CA250B ACU board, 1-OCB8 relay board, and 1-DPS-15 power supply. This hardware is programmed for up to 90,000 credentials. This does not include a black metal enclosure.

Features and Benefits:
- Requires 2 X 16VAC ; 40VA Transformer; 12V, 7Ah Battery
- Credential capacity up to 90,000 for use only with Keyscan Aurora
- 2 card readers and/or keypads
- 2 auxiliary outputs & 8 auxiliary inputs
- All inputs on ACU board may be supervised with EOL resistors

Availability: Stock  Warranty: A  Lead time: 14-16 weeks  MSRP: $2,245.09

Keyscan 4-Reader Access Control Unit
Part No: CA4500NBM  (90k credentials, no enclosure)

The Keyscan CA4500NBM is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA4500NBM is a package that includes 1 CA4500B ACU board, 1-OCB8 relay board, and 1-DPS-15 power supply. This hardware is programmed for up to 90,000 credentials. This does not include a black metal enclosure.

Features and Benefits:
- Requires 2 X 16VAC ; 40VA Transformer; 12V, 7Ah Battery
- Credential capacity up to 90,000 for use only with Keyscan Aurora
- 4 card readers and/or keypads
- 4 auxiliary outputs & 16 auxiliary inputs
- All inputs on ACU board may be supervised with EOL resistors

Availability: Stock  Warranty: A  Lead time: 14-16 weeks  MSRP: $3,944.77
Door Controllers

Keyscan 8-Reader Access Control Unit

Part No: CA8500NBM (90k credentials, no enclosure)

The Keyscan CA8500NBM is a network appliance-based access control unit that gives you unmatched flexibility for new installations or revitalizing aged or failing access control systems. The CA8500NBM is a package that includes 1 CA8500B ACU board, 2-OCB8 relay boards, and 1-DPS-15 power supply. This hardware is programmed for up to 90,000 credentials. This does not include a black metal enclosure.

Features and Benefits:
- Requires 2 X 16VAC, 40VA Transformer; 12V, 7Ah Battery
- Credential capacity up to 90,000 for use only with Keyscan Aurora
- 8 card readers and/or keypads
- 8 auxiliary outputs & 16 auxiliary inputs
- All inputs on ACU board may be supervised with EOL resistors.

| Availability: Stock | Warranty: A | Lead time: 14-16 weeks | MSRP: $6,905.51 |
Elevator Floor Controllers

Keyscan 1-Cab Elevator Floor Control Unit

**Part No:** EC1500

The Keyscan EC series elevator floor controllers are designed to secure office or residential floors by prompting credential holders to present their assigned credential when using an elevator. These EC elevator floor control units leverage the same hybrid network appliance-based architecture as the CA series door controller counterparts. Comes with 1–EC1500B ACU Main Board, 1-OCB8 Relay Board, 1-DPS-15 Power Supply And Black Metal Enclosure.

**Features and Benefits:**
- Requires 2 X 16VAC ; 40VA Transformer; 12V, 7Ah Battery
- Credential capacity up to 45,000
- Manages 1 Elevator Cab Up To 8 Floors with 1 Card Reader and/or Keypad
- Expandable To 40 Floors With Additional OCB8s
- Includes Floor Monitoring Inputs For 40 Floors
- Best suited for elevator banks that require unique floor control (eg: service elevators)
- Black metal enclosure (16"W x 20"H x 5.5"D)

**Availability:** Stock

**Warranty:** A

**Lead time:** 4 Business days

**MSRP:** $4,585.23

Keyscan 2-Cab Elevator Floor Control Unit

**Part No:** EC2500

The Keyscan EC series elevator floor controllers are designed to secure office or residential floors by prompting credential holders to present their assigned credential when using an elevator. These EC elevator floor control units leverage the same hybrid network appliance-based architecture as the CA series door controller counterparts. Comes with 1–EC2500B ACU Main Board, 2-OCB8 Relay Boards, 1-DPS-15 Power Supply And Black Metal Enclosure.

**Features and Benefits:**
- Requires 2 X 16VAC ; 40VA Transformer; 12V, 7Ah Battery
- Credential capacity up to 45,000
- Manages 2 Elevator Cabs Up To 8 Floors with 2 Card Readers and/or Keypads
- Expandable To 16 Floors With Additional OCB8s
- 16 Inputs For Floor Monitoring For Each Cab (16 X 2)
- Best suited for two elevators servicing all floors and does not require unique control (eg: one being a service elevator)
- Black metal enclosure (16"W x 20"H x 5.5"D)

**Availability:** Stock

**Warranty:** A

**Lead time:** 4 Business days

**MSRP:** $5,502.88
Elevator Floor Controllers

Keyscan 1-Cab Elevator Floor Control Unit

**Part No:** EC1500M  
(90k credentials)

The Keyscan EC series elevator floor controllers are designed to secure office or residential floors by prompting credential holders to present their assigned credential when using an elevator. These EC elevator floor control units leverage the same hybrid network appliance-based architecture as the CA series door controller counterparts. Comes with 1-EC1500BM ACU Main Board, 1-OCB8 Relay Board, 1-DPS-15 Power Supply And Black Metal Enclosure. For Use With Aurora Software Only. This part is special order.

**Features and Benefits:**
- Requires 2 X 16VAC ; 40VA Transformer; 12V, 7Ah Battery
- Credential capacity up to 90,000
- Manages 1 Elevator Cab Up To 8 Floors with 1 Card Reader and/or Keypad
- Expandable To 40 Floors With Additional OCB8s
- Includes Floor Monitoring Inputs For 40 Floors
- Black metal enclosure (16"W x 20"H x 5.5"D)

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Keyscan 2-Cab Elevator Floor Control Unit

**Part No:** EC2500M  
(90k credentials)

The Keyscan EC series elevator floor controllers are designed to secure office or residential floors by prompting credential holders to present their assigned credential when using an elevator. These EC elevator floor control units leverage the same hybrid network appliance-based architecture as the CA series door controller counterparts. Comes with 1-EC2500BM ACU Main Board, 2-OCB8 Relay Boards, 1-DPS-15 Power Supply And Black Metal Enclosure. For Use With Aurora Software only. This part is special order.

**Features and Benefits:**
- Requires 2 X 16VAC ; 40VA Transformer; 12V, 7Ah Battery
- Credential capacity up to 90,000
- Manages 2 Elevator Cabs Up To 8 Floors with 2 Card Readers and/or Keypads
- Expandable To 16 Floors With Additional OCB8s
- 16 Inputs For Floor Monitoring For Each Cab (16 X 2)
- Black metal enclosure (16"W x 20"H x 5.5"D)

| Availability: Non-Stock | Warranty: A | Lead time: 4 Business days | MSRP: $5,705.06 |
Hosted Services Hardware

Keyscan Single Door PoE Equipped Controller

Part No: CA150-KHS  (for Statewide Hosting Services only)

When it comes to performance, capacities and overall capability, the CA150-KHS is comparable with our full line of access control units. It is an innovative IP “At-The-Edge” solution. The CA150-KHS easily accommodates securing isolated but critical single door applications or to add one additional door to an existing system. This model is specially designed for Statewide Monitoring Corp. Hosted Services only.

Features and Benefits:
- Single door ACU with in/out reader ability
- Black metal enclosure (7”W x 7.5”H x 1.7” D)
- Two aux inputs with one aux output. Outputs supply 12VDC or dry.
- PoE 15.4 W powered or 12VDC 680mA input. You can use 12 VDC output for strike and RTE
- Pre-configured for connection to Statewide Monitoring Corp. Hosted Services
- 32,000 credential capacity with Keyscan System VII KHS

Availability: Stock  Warranty: A  Lead time: 5-7 Business days  MSRP: $1,486.14

Keyscan Network Communication Board

Part No: NET6P-KHS  (for Statewide Hosting Services only)

Networking a Keyscan access control unit for hosted services is made easy by using the Keyscan NET6P-KHS plug-on adaptor. Designed to plug directly onto the CIM to establish network communication using CAN Bus communication network and allows maximum system design options. Can also plug onto ACU board in other specific applications. Features AES Rijndael 256 bit encryption. For Statewide Monitoring Corp. Hosted Services (KHS) only. For non-hosted, see NETCOM2P or 6P.

Features and Benefits:
- For use with PC109X ACU board only
- Used for high security data transmission applications that require encryption
- Pre-configured for connection to Statewide Monitoring Corp. hosted services

Availability: Stock  Warranty: A  Lead time: 5-7 Business days  MSRP: $796.46
Access Control Management Software

Keyscan Aurora

**Part No:** AURORA

Keyscan Aurora access control management software continues to be an innovative high-performance software platform with many features and robust integration. It provides a single software solution with no performance-limiting or system expansion governors that will power a Keyscan system, regardless of size or complexity. Aurora features include: VMS/CCTV, Active Directory, wireless lock and biometrics integration, web client interface, and more.

**Features and Benefits:**
- DVD now includes photo-badging, visitor management, output module & Aurora web (optional web license required)
- Two concurrent client/web user licenses (any module)
- Electronic software installation and software user manual on DVD
- Up to 45,000 credential capacity (expandable to 90,000 credentials with special order hardware)
- Check [www.Keyscan.ca](http://www.Keyscan.ca) for PC/server requirements and compatible operating system requirements
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

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Keyscan Aurora E-License

**Part No:** E-AURORA

Keyscan Aurora access control management software e-license for those who have an Aurora software DVD in hand.

Emailed serial number only. No software disc will be sent.

**Features and Benefits:**
- Emailed serial number. For use with software disc already in hand.
- Check [www.Keyscan.ca](http://www.Keyscan.ca) for PC/server requirements and compatible operating system requirements
- Software must be registered. Visit Keyscanregistration.ca to register the software and obtain an unlock code

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Access Control Management Software

Keyscan Aurora Web Client E-License

Part No: EAUR-WEB

Aurora’s web-client interface add-on allows you to manage your access control system for any of your facilities at anytime, from any location, using any web-enabled computer or mobile device. It remains the ideal solution for those who need mobility. Aurora Web-Client (web-based access control) e-license number: Emailed serial number only. Web-client software is found on Keyscan Aurora software DVD.

Features and Benefits:
- Aurora software creates a web application to manage the Keyscan Aurora access control system remotely using any internet enabled PC/device
- Requires Aurora software V1.0.9.5 or greater
- May require additional computer hardware and/or software
- Uses Aurora client licenses-may require additional client licenses
- Check www.Keyscan.ca for PC/server requirements and compatible operating system requirements
- Emailed serial number license.
- Software must still be registered. Visit Keyscanregistration.ca to register the software and obtain an unlock code.

Availability: Stock  Warranty: K  Lead time: 4 Business days  MSRP: $1,139.86

Keyscan Aurora Additional Client License

Part No: EAUR-CL1

The Aurora software features optional licensed and add-on modules for enhanced integration and overall system functionality. License number is now emailed in lieu of a package. Aurora optional licensed modules are installed during the Aurora installation process. To activate any optional licensed module for use, you need to register a module's license number provided when you purchase the module.

Features and Benefits:
- Aurora client license (any module) for one additional concurrent user
- License serial number now emailed.
- Can be used for Keyscan Aurora and/or Keyscan Aurora web-client
- Visit Keyscanregistration.ca to register this license and obtain an unlock code.

Availability: Stock  Warranty: K  Lead time: 4 Business days  MSRP: $496.34
Access Control Management Software

Keyscan Aurora Additional Client Licenses
(5-pack)
Part No: EAUR-CL5

The Aurora software features optional licensed and add-on modules for enhanced integration and overall system functionality. License number is now emailed in lieu of a package. Aurora optional licensed modules are installed during the Aurora installation process. To activate any optional licensed module for use, you need to register a module’s license number provided when you purchase the module.

Features and Benefits:
• Aurora client license pack (any module) for five additional concurrent users
• Can be used for Keyscan Aurora and/or Keyscan Aurora web-client
• License serial number now emailed.
• Visit Keyscanregistration.ca to register the software and obtain an unlock code

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Keyscan Aurora Additional Client Licenses
(10-pack)
Part No: EAUR-CL10

The Aurora software features optional licensed and add-on modules for enhanced integration and overall system functionality. License number is now emailed in lieu of a package. Aurora optional licensed modules are installed during the Aurora installation process. To activate any optional licensed module for use, you need to register a module’s license number provided when you purchase the module.

Features and Benefits:
• Aurora client license pack (any module) for 10 additional concurrent users
• Can be used for Keyscan Aurora and/or Keyscan Aurora web-client
• License serial number now emailed.
• Visit Keyscanregistration.ca to register the software and obtain an unlock code

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Access Control Management Software

Keyscan Aurora Reverse Network License (single)

Part No: EAUR-RN1

The Aurora software features optional licensed and add-on modules for enhanced integration and overall system functionality. License number is now emailed in lieu of a package. Aurora optional licensed modules are installed during the Aurora installation process. To activate any optional licensed module for use, you need to register a module’s license number provided when you purchase the module.

Features and Benefits:
- Allows monitoring and control of remote sites over internet for CMAC model
- Aurora reverse network license to allow one (1) remote panel connection
- One license required for each panel connected
- Requires Aurora software V1.0.1 or higher, Rev. PC109x ACUs, firmware V9.20 or higher
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

Availability: Stock  Warranty: K  Lead time: 4 Business days  MSRP: $230.86

Keyscan Aurora Reverse Network License (5-pack)

Part No: EAUR-RN5

The Aurora software features optional licensed and add-on modules for enhanced integration and overall system functionality. License number is now emailed in lieu of a package. Aurora optional licensed modules are installed during the Aurora installation process. To activate any optional licensed module for use, you need to register a module’s license number provided when you purchase the module.

Features and Benefits:
- Allows monitoring and control of remote sites over internet for CMAC model
- Aurora reverse network license to allow five (5) remote panel connections
- One license required for each panel connected
- Requires Aurora software V1.0.1 or higher, Rev. PC109x ACUs, firmware V9.20 or higher
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

Availability: Stock  Warranty: K  Lead time: 4 Business days  MSRP: $735.86
Access Control Management Software

Keyscan Aurora Reverse Network License
(10-pack)
**Part No:** EAUR-RN10

The Aurora software features optional licensed and add-on modules for enhanced integration and overall system functionality. License number is now emailed in lieu of a package. Aurora optional licensed modules are installed during the Aurora installation process. To activate any optional licensed module for use, you need to register a module's license number provided when you purchase the module.

**Features and Benefits:**
- Allows monitoring and control of remote sites over internet for CMAC model
- Aurora reverse network license to allow ten (10) remote panel connections
- One license required for each panel connected
- Requires Aurora software V1.0.1 or higher, Rev. PC109x ACUs, with firmware V9.20 or higher
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

| Availability: Stock | Warranty: K | Lead time: 4 Business days | **MSRP:** $1,529.43 |

Keyscan Aurora Active Directory Integration License
**Part No:** EAUR-AI

Keyscan Aurora offers select integration options for use with Active Directory. In order to receive a license allowing for this integration, all dealers, end-users and/or programmers are required to call dormakaba Canada to discuss the integration application before purchase of the license can be issued. This requires some paperwork to be completed and submitted for approval before purchase can be completed.

**Not available through distribution. This item is a fixed price.**

**Features and Benefits:**
- For actve directory integration to Aurora software
- Dealer/end-user/programmer required to call us to discuss application before purchase
- Not available through distribution
- Requires purchase of Aurora V1.0.10 or higher
- Applicable server o/s not included
- Supports software users, people & single credential management

| Availability: Stock | Warranty: K | Lead time: Call for details | **MSRP:** Call for Pricing |
Access Control Management Software

Keyscan Aurora DMP Intrusion Panel Integration License

**Part No:** EAUR-DMP

The Aurora software features DMP integration add-on module for enhanced integration and overall system functionality. License number is now emailed in lieu of a package. Aurora optional licensed and add-on modules are installed during the Aurora installation process. To activate any optional licensed module for use, you need to register a module’s license number provided when you purchase the module.

**Features and Benefits:**
- Aurora integration license to integrate with DMP XR550DN series alarm panels.
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code.

**Availability:** Stock | **Warranty:** K | **Lead time:** 4 Business days | **MSRP:** $721.43

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Keyscan Aurora DSC Maxsys Intrusion Panel Integration License

**Part No:** EAUR-DSCM

The Aurora software features DSC Maxsys integration add-on module for enhanced integration and overall system functionality. License number is now emailed in lieu of a package. Aurora optional licensed and add-on modules are installed during the Aurora installation process. To activate any optional licensed module for use, you need to register a module’s license number provided when you purchase the module.

**Features and Benefits:**
- Aurora integration license to integrate with DSC Maxsys series alarm panels.
- Requires DSC PC4401 module—not sold by Keyscan.
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code.

**Availability:** Stock | **Warranty:** K | **Lead time:** 4 Business days | **MSRP:** $721.43
Access Control Management Software

Keyscan Aurora DSC PowerSeries Intrusion Panel Integration License
**Part No:** EAUR-DSCP

The Aurora software features DSC PowerSeries integration add-on module for enhanced integration and overall system functionality. License number is now emailed in lieu of a package. Aurora optional licensed and add-on modules are installed during the Aurora installation process. To activate any optional licensed module for use, you need to register a module’s license number provided when you purchase the module.

**Features and Benefits:**
- Aurora integration license to integrate with DSC PowerSeries alarm panels.
- Requires DSC IT-100 module—not sold by Keyscan
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

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Keyscan Aurora Exacq VMS Integration License
**Part No:** EAUR-EXAC

Aurora software Exacq video integration add-on module license. Aurora optional licensed and add-on modules are already installed during the Aurora installation process. To activate any optional licensed module for use, you need to register the module’s license number provided when you purchase the module. This module still requires installation of video manufacturer software.

**Features and Benefits:**
- For integration with Exacq CCTV VMS
- Requires purchase & installation of Exacq VMS software on required workstations/PC’s
- If multiple VMS support is needed - only one video integration license is required
- Limit of one video integration license per database
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

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<th>Lead time: 4 Business days</th>
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Access Control Management Software

Keyscan Aurora i3 International VMS Integration License

**Part No:** EAUR-I3

Aurora software I3 International video integration add-on module license. Aurora optional licensed and add-on modules are already installed during the Aurora installation process. To activate any optional licensed module for use, you need to register the module’s license number provided when you purchase the module. This module still requires installation of video manufacturer software.

**Features and Benefits:**
- Requires Aurora V1.0.10 or higher
- For integration with i3 International video products
- Requires purchase & installation of i3 VMS software on required workstations/PC’s
- If multiple VMS support is needed - only one video integration license is required
- Limit of one video integration license per database
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

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<th>Availability: Stock</th>
<th>Warranty: K</th>
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Keyscan Aurora OnSSI VMS Integration License

**Part No:** EAUR-ONSS

Aurora software OnSSI video integration add-on module license. Aurora optional licensed and add-on modules are already installed during the Aurora installation process. To activate any optional licensed module for use, you need to register the module’s license number provided when you purchase the module. This module still requires installation of video manufacturer software.

**Features and Benefits:**
- Requires Aurora V1.0.11 or higher
- For integration with OnSSI CCTV VMS
- Requires purchase & installation of OnSSI VMS software on required workstations/PC’s
- If multiple VMS support is needed - only one video integration license is required
- Limit of one video integration license per database
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

| Availability: Stock | Warranty: K | Lead time: 4 Business days | MSRP: $952.29 |
Access Control Management Software

Keyscan Aurora OpenEye VMS Integration License

Part No: EAUR-OPEN

Aurora software Open Eye VMS/CCTV video integration add-on module license. Aurora optional licensed and add-on modules are already installed during the Aurora installation process. To activate any optional licensed module for use, you need to register the module’s license number provided when you purchase the module. This module still requires installation of video manufacturer software.

Features and Benefits:
- Requires Aurora V1.0.11 or higher
- For integration with OpenEye CCTV VMS
- Requires purchase & installation of open eye VMS software on required workstations/PC’s
- If multiple VMS support is needed - only one video integration license is required
- Limit of one video integration license per database
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

| Availability: Stock | Warranty: K | Lead time: 4 Business days | MSRP: $952.29 |

Keyscan Aurora Salient Systems VMS Integration License

Part No: EAUR-SALI

Aurora software Salient Systems VMS/CCTV video integration add-on module license. Aurora optional licensed and add-on modules are already installed during the Aurora installation process. To activate any optional licensed module for use, you need to register the module’s license number provided when you purchase the module. This module still requires installation of video manufacturer software.

Features and Benefits:
- Requires Aurora V1.0.11 or higher
- For integration with Salient CCTV VMS
- Requires purchase & installation of salient VMS software on required workstations/PC’s
- If multiple VMS support is needed - only one video integration license is required
- Limit of one video integration license per database
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

| Availability: Stock | Warranty: K | Lead time: 4 Business days | MSRP: $952.29 |
**Access Control Management Software**

**Keyscan Aurora HIK Vision VMS Integration License**

**Part No:** EAUR-HIKV

Aurora software HIK Vision video integration add-on module license. Aurora optional licensed and add-on modules are already installed during the Aurora installation process. To activate any optional licensed module for use, you need to register the module's license number provided when you purchase the module. This module still requires installation of video manufacturer software.

**Features and Benefits:**
- Requires Aurora V1.0.17 or higher
- For integration with HIK Vision video DVR & NVR models DS9x00, DS-8x00, DS-7x00
- Requires purchase & installation of HIK Vision VMS software on required workstations/PC's
- If multiple VMS support is needed - only one video integration license is required
- Limit of one video integration license per database
- License number now emailed
- Visit keyscanregistration.ca to register the software and obtain an unlock code

**Availability:** Stock  
**Warranty:** K  
**Lead time:** 4 Business days  
**MSRP:** $952.29

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**Keyscan Aurora Open Eye OWS VMS Integration License**

**Part No:** EAUR-OEOWS

Aurora software Open Eye OWS video integration add-on module license. Aurora optional licensed and add-on modules are already installed during the Aurora installation process. To activate any optional licensed module for use, you need to register the module's license number provided when you purchase the module. This module still requires installation of video manufacturer software.

**Features and Benefits:**
- Requires Aurora V1.0.19 or higher
- For integration with Open Eye Web Services (OWS)
- If multiple VMS support is needed - only one video integration license is required
- Limit of one video integration license per database
- License number now emailed
- Visit keyscanregistration.ca to register the software and obtain an unlock code

**Availability:** Stock  
**Warranty:** K  
**Lead time:** 4 Business days  
**MSRP:** $952.29
Access Control Management Software

Keyscan Aurora Generic CCTV VMS Integration License

Part No: EAUR-CCTV

Aurora software generic VMS/CCTV video integration add-on module license. Aurora optional licensed and add-on modules are already installed during the Aurora installation process. To activate any optional licensed module for use, you need to register the module's license number provided when you purchase the module. This module still requires installation of video manufacturer software.

Features and Benefits:
• For integration with generic CCTV
• Requires purchase & installation (if any) of generic or third-party CCTV equipment or software on required workstations/PC’s
• License serial number now emailed
• Visit Keyscanregistration.ca to register the software and obtain an unlock code

Availability: Stock  Warranty: K  Lead time: 4 Business days  MSRP: $707.00

Keyscan Aurora SDK Package-No Support

Part No: AUR-SDK0

The Aurora software SDK is available for programmers wishing to develop integration with custom and 3rd party software and Keyscan Aurora.
In order to receive the Aurora SDK, all dealers, end-users and/or programmers are required to call us to discuss application before purchase of the SDK. This requires some paperwork to be completed and submitted for approval before purchase can be completed.
Not available through distribution. This item is a fixed price.

Features and Benefits:
• Aurora SDK software & license-64 bit
• Dealer/end-user/programmer required to call us to discuss application before purchase
• Requires paperwork to be submitted and approved before purchase
• Not available through distribution
• No telephone support included
• Requires purchase of Aurora software (not included)

Availability: Stock  Warranty: K  Lead time: Call for details  MSRP: Call for pricing
Access Control Management Software

Keyscan Aurora SDK Package-No Support (e-license)
Part No: EAUR-SDK0

The Aurora software SDK is available for programmers wishing to develop integration with custom and 3rd party software and Keyscan Aurora. In order to receive the Aurora SDK, all dealers, end-users and/or programmers are required to call us to discuss application before purchase of the SDK. This requires some paperwork to be completed and submitted for approval before purchase can be completed. Not available through distribution. This item is a fixed price.

Features and Benefits:
• Aurora SDK software & license-64 bit
• Dealer/end-user/programmer required to call us to discuss application before purchase
• Requires paperwork to be submitted and approved before purchase
• Not available through distribution
• No telephone support included
• Requires purchase of Aurora software (not included)
• License serial number now emailed

Availability: Stock Warranty: K Lead time: Call for details MSRP: Call for pricing

Keyscan Aurora One Additional Hour SDK Telephone Support
Part No: AUR-SDKH

The Aurora software SDK is available for programmers wishing to develop integration with custom and 3rd party software and Keyscan Aurora. In order to receive the Aurora SDK, all dealers, end-users and/or programmers are required to call us to discuss application before purchase of the SDK. This requires some paperwork to be completed and submitted for approval before purchase can be completed. Not available through distribution. This item is a fixed price.

Features and Benefits:
• Purchase of one additional hour of SDK telephone support
• Includes 1-enquiry with maximum 1 hour support time
• Requires previous purchase of Aurora SDK
• Not available through distribution

Availability: Stock Warranty: K Lead time: Call for details MSRP: Call for pricing
Access Control Management Software

Keyscan Aurora SDK Package-1 Hour Support

Part No: AUR-SDK1

The Aurora software SDK is available for programmers wishing to develop integration with custom and 3rd party software and Keyscan Aurora. In order to receive the Aurora SDK, all dealers, end-users and/or programmers are required to call us to discuss application before purchase of the SDK. This requires some paperwork to be completed and submitted for approval before purchase can be completed. Not available through distribution. This item is a fixed price.

Features and Benefits:
• Aurora SDK software & license-64 bit
• Dealer/end-user/programmer required to call us to discuss application before purchase
• Requires paperwork to be submitted and approved before purchase
• Not available through distribution
• English only with 1 hour SDK telephone support
• Requires purchase of Aurora software (not included)

Keyscan Aurora SDK Update Package
(No Support)

Part No: AUR-SDKU

The Aurora software SDK is available for programmers wishing to develop integration with custom and 3rd party software and Keyscan Aurora. In order to receive the Aurora SDK, all dealers, end-users and/or programmers are required to call us to discuss application before purchase of the SDK. This requires some paperwork to be completed and submitted for approval before purchase can be completed. Not available through distribution. This item is a fixed price.

Features and Benefits:
• For future release
• Not available through distribution
Access Control Management Software

Keyscan Aurora Bioconnect Integration License

Part No: EAUR-SDKB

This integration license allows for integration with Bioconnect software for use with a series of Suprema biometric readers. Entry of data into Aurora is automatically pushed to the Bioconnect database for the capturing of the biometric data such as fingerprint. Requires Bioconnect software and this license for full operation.

This product is NOT available through distribution. Direct purchase only.

Features and Benefits:
- Requires Aurora software V 1.0.14.2 or higher.
- Requires Bioconnect software with Keyscan integration V 3.6 or higher
- Requires patch management when upgrading software

Availability: Stock  Warranty: K  Lead time: Call for details  MSRP: Call for pricing

Keyscan Aurora EasyLobby Visitor Mgmt Integration License

Part No: EAUR-SDK-EL

Aurora integrates with HID’s Easy Lobby Visitor Management software. It is ideal for advanced visitor management requirements. Allows Easy Lobby to use and assign visitor credentials and then send the data to Aurora.

This product is NOT available through distribution. Direct purchase only.

Features and Benefits:
- Requires Aurora software V 1.0.13 or higher
- Requires Easy Lobby SVM software V 10.0 or higher

Availability: Stock  Warranty: K  Lead time: Call for details  MSRP: Call for pricing
Access Control Management Software

Keyscan Aurora SQL Upgrade Module License

Part No: EAUR-SQLUPG

Aurora SQL Upgrade. Aurora supports upgrading to a full SQL database removing the 10 GB limit and giving you many more options, features and benefits. Requires server, OS and appropriate licensing for SQL Server 2012. Not available through distribution. Licence number is now emailed in lieu of a package.

Features and Benefits:
• Aurora software upgrade to full Microsoft SQL version 2012. 64 bit.
• Contact us for SQL details, cost, installation requirements and to discuss application before purchase
• Not available through distribution
• Includes up to two (2) hours of telephone support
• Requires Aurora V1.0.10 or higher

Availability: Stock Warranty: K Lead time: Call for details MSRP: Call for pricing

Keyscan Aurora Software Replacement and/or Upgrade

Part No: AUR-UP

Keyscan Aurora software replacement media (DVD) and upgrade (if applicable). Currently this is a replacement media only. If you lose or misplace your software, you may replace your software by specifying this part number. We’ll send you a new replacement disc-to be used with your existing Aurora software serial number. As software versions evolve, the replacement disc you receive will contain the most recent software version release.

Features and Benefits:
• Currently for media replacement only
• Future release to also allow upgrade to next version higher
• If upgrading more than one version, one AUR-UP required per version. Required by customers that want to upgrade and are utilizing the Aurora Web or SDK models.

Availability: Stock Warranty: K Lead time: 4 Business days MSRP: 476.14
Access Control Management Software

Keyscan Aurora Enhanced Lockdown License

Part No: AUR-911

Enhanced Aurora Lockdown is available with version 1.0.19.0. In addition to the basic Aurora lockdown features, this licensed module allows administrators to program custom lockdown response scenarios for one or more sites across an entire Keyscan system. In the event of any emergency protocol, any users on the network can initiate one or more lockdown scenarios by clicking an icon programmed to their PC, laptop or desktop - regardless of whether Aurora client is installed on their respective PCs.

Use this part if you have already purchased any previous version of Aurora software and are updating to Version 1.0.19.01.

Features and Benefits:
- Includes Aurora Ver 1.0.19 DVD update and Enhanced Lockdown install file and serial number
- Network based Lockdown from any PC that has network connectivity to the Aurora Database
- Single/double-click Desktop Icon initiates lockdown functions are all pre-configured in Aurora software
- Multiple shortcuts on same desktop each performing different lockdown tasks
- Applies to all wired doors, controlled elevator floors and wireless E-Plex locks

| Availability: | Stock | Warranty: | K | Lead time: | 4 Business days | MSRP: | $3,857.14 |

Keyscan Aurora Enhanced Lockdown License

Part No: EAUR-911

Enhanced Aurora Lockdown is available with version 1.0.19. In addition to the basic Aurora lockdown features, this licensed module allows administrators to program custom lockdown response scenarios for one or more sites across an entire Keyscan system. In the event of any emergency protocol, any users on the network can initiate one or more lockdown scenarios by clicking an icon programmed to their PC, laptop or desktop - regardless of whether Aurora client is installed on their respective PCs.

Use this part if you purchased and possess Aurora Version 1.0.19 DVD for new installs.

Features and Benefits:
- This is an emailed EAUR-911 license code for enhanced lockdown activation
- Aurora license must be registered to function
- Network based Lockdown from any PC that has network connectivity to the Aurora Database
- Requires light installation of pre-requisite files. No Aurora Client required
- Single/double-click Desktop Icon initiates lockdown functions are all pre-configured in Aurora
- Multiple shortcuts on same desktop each performing different lockdown tasks
- Applies to all wired doors, controlled elevator floors and wireless E-Plex locks

| Availability: | Stock | Warranty: | K | Lead time: | 4 Business days | MSRP: | $3,857.14 |
Legacy Access Control Software

Keyscan System VII Web Client Software

**Part No:** K-WEB

K-WEB is a web client interface that allows you to manage access control from any web-enabled computer or mobile device. This System VII software add-on module provides you the ability to manage your access control systems for any of your facilities – at anytime and from any location. K-Web is the ideal solution for those who need, or want, true mobility. This module will continue to be available to support existing K-WEB System VII users following the discontinuation of new sales of System VII software. We recommend you upgrade to Aurora. See Aurora and AUR-WEB.

**Features and Benefits:**
- K-WEB software creates a secure web application to manage the Keyscan System VII access control system
- Functions only with existing licensed System VII installations
- Requires additional computer hardware
- Includes two (2) concurrent user licenses for K-WEB only
- Check dormakaba.ca for PC/server requirements and compatible operating system requirements

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Keyscan System VII Additional Client Module License

**Part No:** EK-CL

System VII provides 2 concurrent user licenses standard with the software. A K-CL license adds one additional concurrent client to System VII, providing easy expansion when several managers or sites require access to System VII for day-to-day system management. This module will continue to be available to support existing System VII users following the discontinuation of new sales of System VII software. License number is now emailed in lieu of a package.

**Features and Benefits:**
- System VII client license for one additional concurrent user
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

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Legacy Access Control Software

Keyscan System VII Web Additional Client License

**Part No:** EK-WEB-C

EK-WEB-C license adds one additional concurrent client to K-WEB software only, providing easy expansion when several managers or sites require access to the web client for day-to-day system management. This module will continue to be available supporting existing K-WEB System VII users following the discontinuation of new sales of System VII software. License number is now emailed in lieu of a package.

**Features and Benefits:**
- For K-WEB software only (not valid for System VII software)
- Additional user license for one concurrent web user
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

**Availability:** Stock  |  **Warranty:** K  |  **Lead time:** 4 Business days  |  **MSRP:** $505.00

Keyscan System VII Web Additional Client License (10-pack)

**Part No:** EK-WEB-C10

EK-WEB-C10 license adds 10 additional concurrent users to K-WEB software only, providing easy expansion when several managers or sites require access to the web client for day-to-day system management. This module will continue to be available supporting existing K-WEB System VII users following the discontinuation of new sales of System VII software. License number is now emailed in lieu of a package

**Features and Benefits:**
- For K-WEB software only (not valid for System VII software)
- Additional 10 web user package for 10 concurrent web users
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

**Availability:** Stock  |  **Warranty:** K  |  **Lead time:** 4 Business days  |  **MSRP:** $3,823.57
Legacy Access Control Software

Keyscan System VII Reverse IP Connection License (10-pack)
**Part No:** EK-RN

K-RN (reverse network) license is designed so that a programmed access control unit at a remote location initiates communication via an encrypted NETCOM6 over a private or public network back to a PC/server with encrypted communication software at a host location. This K-RN license allows 10 reverse network IP connections. License serial number now emailed. Must be registered to unlock.

**Features and Benefits:**
- Allows monitoring & control of remote sites over internet
- System VII reverse IP connection license to allow ten (10) remote IP connections
- Purchase multiple licenses to gain additional connections
- Requires System VII software v 7.0.12 or higher
- Requires Rev. 11 or PC101x ACUs with firmware v 7.96 or higher
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

**Availability:** Stock  
**Warranty:** K  
**Lead time:** 4 Business days  
**MSRP:** $2,149.86

Keyscan System VII Reverse IP Connection License (5 pack)
**Part No:** EK-RN5

K-RN5 (reverse network) license is designed so that a programmed access control unit at a remote location initiates communication via an encrypted NETCOM6 over a private or public network back to a PC/server with encrypted communication software at a host location. This K-RN5 license allows 5 reverse network IP connections. License serial number now emailed. Must be registered to unlock.

**Features and Benefits:**
- Allows monitoring & control of remote sites over internet
- System VII reverse IP connection license to allow five (5) remote IP connections.
- Purchase multiple licenses to gain additional connections.
- Requires system VII software v 7.0.16 or higher.
- Reverse network requires a minimum firmware of v 7.95 or higher with rev. 11, PC101x or PC109x ACUs
- License serial number now emailed.
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

**Availability:** Stock  
**Warranty:** K  
**Lead time:** 4 Business days  
**MSRP:** $1,226.43
Legacy Access Control Software

Keyscan System VII Photobadging Module License

**Part No:** EK-BADGE

The EK-BADGE add-on module allows users to create unique badge templates for their facility, and print identification badges for employees. The photo badge capability increases facility security by making access cards less transferable. This module will continue to be available supporting existing System VII users following the discontinuation of new sales of System VII software. License number is now emailed in lieu of a package.

**Features and Benefits:**
- System VII photo badging and verification license to enable photo-badging and verification
- Verification features allow users to trigger card holder images to appear on-screen when a card is presented to a reader
- Photo badge editor makes creating photo-badge templates easy
- Import your own logos and backgrounds to completely customize photo badges
- License serial number now emailed
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

| Availability: Stock | Warranty: K | Lead time: 4 Business days | MSRP: $1,471.71 |

Keyscan System VII DSC Intrusion Panel Integration License

**Part No:** EK-DSC

The EK-DSC module allows you to program and make changes to a DSC intrusion system directly from the System VII software. Integration between the DSC Power Series or Maxsys Intrusion Panels and the System VII software give the user complete control of their security system with real-time display of system, zone, and partition status. This module will continue to be available supporting existing System VII users following the discontinuation of new sales of System VII software.

**Features and Benefits:**
- System VII integration license to integrate with DSC Power series or Maxsys series alarm panels
- DSC Power series alarm panel and DSC it-100 module (not sold by dormakaba Canada)
- DSC Maxsys alarm panel and PC4401 module (not sold by dormakaba Canada)
- Requires Rev.11 Keyscan ACU with firmware set (system V8.50/7.70-reader V3.04 or higher) and System VII software (Ver 7.08 or higher)
- License serial number now emailed
- Visit Keyscanregistration.ca to register the software and obtain an unlock code

| Availability: Stock | Warranty: K | Lead time: 4 Business days | MSRP: $937.86 |
Legacy Access Control Software

Keyscan System VII Visitor Management License

Part No: EK-VIS

System VII’s add-on visitor management module allows for additional control over any facility. Schedule visits and track visitor status to always know exactly who is in the building. Full report generation capabilities make visitor tracking quick and easy. Make visitors identifiable with printed access cards, or self-adhesive badges printed from any client. This module will continue to be available to support existing System VII users following the discontinuation of new sales of System VII software. License number is now emailed in lieu of a package.

Features and Benefits:
• Single user e-license.
• Software has on-line user help
• Fully integrated with System VII access control software
• Print visitor badges on any inkjet or laser jet printer
• License serial number now emailed.
• Visit Keyscanregistration.ca to register the software and obtain an unlock code

Availability: Stock  Warranty: K  Lead time: 4 Business days  MSRP: $865.71
Control Communications

Keyscan Network Communication Board

Part No: NETCOM2P

Networking a Keyscan access control unit is made easy by using the Keyscan NETCOM2P plug-on adaptor. Allows maximum system design options. NETCOM2P is designed to plug directly onto the CIM to establish network communication using CAN Bus communication network. You can also plug onto ACU board in other specific applications. Also available with AES Rijndael 256 bit encryption (see NETCOM6P).

Features and Benefits:
• For direct installation on PC109x ACU/ECU boards and CIM communication boards
• Comes with programming software on CD
• Not suitable for Centrally Managed Access Control (CMAC) or Keyscan Hosted Services (KHS)

Availability: Stock  Warranty: A  Lead time: 4 Business days  MSRP: $649.29

Keyscan Network Communication Board (with Encryption)

Part No: NETCOM6P

Networking a Keyscan access control unit is made easy by using the Keyscan NETCOM6P encrypted plug-on adaptor. Allows maximum system design options. NETCOM6P is designed to plug directly onto the CIM to establish network encrypted communication using CAN Bus communication network. You can also plug onto ACU board in other specific applications. Also available non-encrypted (see NETCOM2P).

Features and Benefits:
• For direct installation on PC109x ACU/ECU boards and CIM communication boards
• Comes with programming software on CD
• Suitable for CMAC applications or high security data transmission applications that require encryption
• Not suitable for Hosted Services (KHS) connection (see NET6P-KHS)

Availability: Stock  Warranty: A  Lead time: 4 Business days  MSRP: $750.29
Control Communications

Keyscan Network Communication
(off-board module)
Part No: NETCOM2

Networking a Keyscan access control unit is made easy by using the Keyscan NETCOM2 TCP/IP module. Allows maximum system design options. NETCOM2 is designed as an off-board adapter that can be installed within the metal enclosure and connected to the CIM to establish network communication using CAN Bus communication network. You can also connect to ACU board in other applications.

Features and Benefits:
- Allows connection to all versions of ACU/ECU boards and legacy communication boards CB-685, CPB-10-2 & CPB-10.
- Not suitable for CMAC or Hosted Services
- Comes with programming software on CD
- New DIP switch for easier programming
- Keyscan recommends that you use a NETCOM2P for new systems
- Data cable also available (part # 40-2322)

Availability: Stock Warranty: A Lead time: 4 Business days MSRP: $1,010.00

Keyscan Communication Interlink Module
Part No: CIM

A new communication control module designed to use a CAN Bus communication network. The CIM provides optimized server to Access Control Unit (ACU) communication giving users an ACU to ACU network providing inter-panel communication for global functions. The CIM also includes enhanced device-based diagnostics and improved communication speeds.

Features and Benefits:
- Communication module provides both global communications and ACU to PC communications for two or more ACUs on same communication loop. Comes with ribbon cable
- Requires Rev. 11, PC101x or PC109x ACU boards with minimum of v 7.40/8.20 firmware. System VII software v 7.0.16 or higher
- One module required for each ACU. Powered by ACU p/s (150 mA)
- Optional NETCOM2P/6P can be mounted directly on this board

Availability: Stock Warranty: A Lead time: 4 Business days MSRP: $311.66
Control Communications

Keyscan Global Network Connectivity Kit (LAN/WAN)

Part No: CIM-LINK

The Keyscan CIM-Link is a TCP/IP companion module, which incorporates multiple CIM CAN Bus communication loops into a single global infrastructure via LAN/WAN network. It maximizes system design options and promotes greater global communication flexibility across your facility. CIM-Link expands ACU to ACU functionality to multiple independent CAN Bus global networks.

Features and Benefits:
- This connectivity kit consisting of two units, provides global communications between two CIM communication loops
- Includes two CIM-LinkB boards, two NETCOM2P boards & two ribbon cables
- Requires Rev. 11, PC101x or PC109x ACU boards with minimum of v 7.40/8.20 firmware
- Keyscan Aurora software; Legacy System VII software v 7.0.16 or higher

Availability: Stock
Warranty: A
Lead time: 4 Business days
MSRP: $1,630.43

Keyscan USB Communication Adapter

Part No: USB-SER

When connecting directly to a computer, the USB-SER provides a Keyscan system with compatibility. USB-SER is used for RS485 or RS232 to USB conversions and is available as one compact and easy-to-use device. It is ideal for IT personnel, technicians and instances where the access control computer does not have a serial communication port. It is used for programming without a serial port.

Features and Benefits:
- USB to RS-232 or RS-485 converter to be used when no serial port is available on PC
- Serial can be used with direct ACU communications, CIM, CIM-Link or with legacy products
- USB 1.1 or 2.0 compatible
- Comes with 6’ USB extension cable to allow mounting USB device away from PC if required
- Compatible with Windows 7 pro, Windows 8 and Windows 10

Availability: Stock
Warranty: A
Lead time: 4 Business days
MSRP: $216.43
Control Communications

Keyscan I/O Board with Enclosure & Power Supply

**Part No:** IOCB1616

When high-level system design calls for additional input and output capabilities, look to the Keyscan IOCB1616 expansion board. It provides 16 additional inputs with 16 additional open collector outputs. It is easy to add relay output option if desired. With IOCB1616 you can connect up to four (4) IOCB1616 boards to CA4500 and CA8500. It features new DIP switch banks for easier set up and feature configuration and is ideal for monitoring exit only doors, glass breaks, motion detectors and any other sensing device throughout your Keyscan system.

**Features and Benefits:**
- New smaller I/O board IOCB1616B with 16 supervised inputs and 16 digital outputs
- Comes complete with black enclosure, key lock, tamper switch, DPS-15 power supply
- Works with Rev. 11, PC101x and PC109x ACUs and higher
- For CA4500 and CA8500 controls only
- Certain versions of Rev. 11 ACUs may require firmware upgrade.
- Maximum of 4 IOCB1616B per ACU

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Keyscan I/O Board Only

**Part No:** IOCB1616B

When high-level system design calls for additional input and output capabilities, look to the Keyscan IOCB1616B expansion board. It provides 16 additional inputs with 16 additional open collector outputs. It is easy to add relay output option if desired. With IOCB1616B you can connect up to four (4) IOCB1616B boards to CA4500 and CA8500. It features new DIP switch banks for easier set up and feature configuration and is ideal for monitoring exit only doors, glass breaks, motion detectors and any other sensing device throughout your Keyscan system. This is only the IOCB board it does not come with power supply or enclosure.

**Features and Benefits:**
- I/O board IOCB1616B with 16 supervised inputs and 16 digital outputs
- For adding additional I/O boards to IOCB1616 enclosure or service replacement of existing board
- Maximum of 4 board per ACU
- Works with Rev. 10 ACUs and higher
- Maximum of 4 IOCB1616B per ACU
- New smaller board

| Availability: Non Stock | Warranty: A | Lead time: 4 Business days | MSRP: $707.00 |
Control Communications

Keyscan 8 Relay Output Control Board

Part No: OCB8

The Keyscan OCB8 is a Form-C relay output board with durable and reliable construction for long-term use. For use with Keyscan door and elevator floor controllers wherever you need a dry contact closure for auxiliary equipment. With OCB8 you can expand floor control for Keyscan EC1500 and EC2500 elevator floor controllers or add auxiliary outputs to Keyscan CA4500 and CA8500 door controllers to trigger response such as sirens, alarms, strobe lights or to further restrict access. The OCB8 also features DIP switch bank allowing easy changes to state of relays.

Features and Benefits:
• New DIP switch plug on board with independent reverse pole switches for relay control
• New blue circuit board (PC1102)
• Works with all current and previous ACU/ECUs

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Wireless Lock Solutions

E-Plex 7900 125 kHz RFID wireless lock

Part No: E79203KF20

The E-Plex 7900 offers more compatibility and greater performance in virtually any access control credential environment. Models are available with variable modules each designed to function with a designated list of credential types. The E-Plex 7900 wireless model integrates with Keyscan Aurora software using a ZigBee wireless network, which creates a two-way communication from lock to Aurora software.

Features and Benefits:
- Ilco KIL cylinder, keyed different
- Cylindrical model; 2 3/4” backset
- Door monitoring required, n/c door contact (not included)
- Satin chrome finish
- Functions with Keyscan Aurora software
- Can be utilized in conjunction with E-Plex 5700 and 3700 series wireless locks
- Streamlined design and features new integrated RFID reader, no push buttons
- More secure with batteries and wireless antenna on the secure side of the door
- Easier to see with top mounted LED indicators

Availability: Non Stock
Warranty: A
Lead time: 6-8 weeks
MSRP: $1,255.64

E-Plex 7900 125 kHz RFID wireless lock

Part No: E79203BF20

The E-Plex 7900 offers more compatibility and greater performance in virtually any access control credential environment. Models are available with variable modules each designed to function with a designated list of credential types. The E-Plex 7900 wireless model integrates with Keyscan Aurora software using a ZigBee wireless network, which creates a two-way communication from lock to Aurora software.

Features and Benefits:
- Best (SFIC) and equivalents (core not included)
- Cylindrical model; 2 3/4” backset
- Door monitoring required, n/c door contact (not included)
- Satin chrome finish
- Functions with Keyscan Aurora software
- Can be utilized in conjunction with E-Plex 5700 and 3700 series wireless locks
- Streamlined design and features new integrated RFID reader, no push buttons
- More secure with batteries and wireless antenna on the secure side of the door
- Easier to see with top mounted LED indicators

Availability: Non Stock
Warranty: A
Lead time: 6-8 weeks
MSRP: $1,255.64
Wireless Lock Solutions

E-Plex 7900 13.56MHz RFID wireless lock
(with Keyscan BLE)
Part No: E79113KF20

The E-Plex 7900 offers more compatibility and greater performance in virtually any access control credential environment. Models are available with variable modules each designed to function with a designated list of credential types. The E-Plex 7900 wireless model integrates with Keyscan Aurora software using a ZigBee wireless network, which creates a two-way communication from lock to Aurora software.

Features and Benefits:
• Functions with Keyscan Aurora software V1.0.16 (or higher)
• Functions with Keyscan BLE mobile and K-SECURE series credentials
• Can be utilized in conjunction with E-Plex 5600 and 3600 series wireless locks
• Streamlined design and features new integrated RFID reader, no push buttons
• Cylindrical model; 2 3/4” backset
• Door monitoring required, n/c door contact (not included)
• Satin chrome finish
• More secure with batteries and wireless antenna on the secure side of the door
• Easier to see with top mounted LED indicators

Availability: Non Stock  Warranty: A  Lead time: 6-8 weeks  MSRP: $1,329.50

E-Plex 7900 13.56MHz RFID wireless lock
(with Keyscan BLE)
Part No: E79113BF20

The E-Plex 7900 offers more compatibility and greater performance in virtually any access control credential environment. Models are available with variable modules each designed to function with a designated list of credential types. The E-Plex 7900 wireless model integrates with Keyscan Aurora software using a ZigBee wireless network, which creates a two-way communication from lock to Aurora software.

Features and Benefits:
• Functions with Keyscan Aurora software V1.0.16 (or higher)
• Functions with Keyscan BLE mobile and K-SECURE series credentials
• Cylindrical model; 2 3/4” backset
• Door monitoring required, n/c door contact (not included)
• Satin chrome finish
• Can be utilized in conjunction with E-Plex 5600 and 3600 series wireless locks
• Streamlined design and features new integrated RFID reader, no push buttons
• More secure with batteries and wireless antenna on the secure side of the door
• Easier to see with top mounted LED indicators

Availability: Non Stock  Warranty: A  Lead time: 6-8 weeks  MSRP: $1,329.50
E-Plex 7900 lock accessories

E-Plex 7900 command cards

Part No: 912PRX

Command cards are designed for programming E-Plex 7900 lock functions and/or to join a ZigBee wireless network. Must be ordered corresponding to RFID Version selected.

Features and Benefits:
- 118-515912PRX KIT, Prox programming command card
- For use with E79203KF20 and E79203BF20 lock models
- Package of 11 command cards in package
- Installer tool - keep for future installations

Availability: Non Stock
Warranty: B
Lead time: 6-8 weeks
MSRP: $89.52

E-Plex 7900 command cards

Part No: 912MIF

Command cards are designed for programming E-Plex 7900 lock functions and/or to join a ZigBee wireless network. Must be ordered corresponding to RFID Version selected.

Features and Benefits:
- 118-515912MIF KIT, MiFare programming command card
- For use with E79113KF20 and E79113BF20 BLE lock models
- Package of 11 command cards in package
- Installer tool - keep for future installations

Availability: Non Stock
Warranty: B
Lead time: 6-8 weeks
MSRP: $110.51
Electronic Lock Solutions (wireless capable)

E-Plex 5600 electronic lock – 13.56MHz
Part No: E5631XSWL

The E-Plex 5600 electronic lock comes as a standard lock but is easily upgraded to a wireless lock that seamlessly integrates with Keyscan access control systems running Keyscan Aurora software version 1.0.14.2 or higher. E-Plex 5600 integrates using a ZigBee wireless network, which creates a two-way communication from lock to Aurora software. This integration is an ideal solution that will support your existing Keyscan 13.56 MHz credentials and provide a cost-effective solution for adding up to 100 E-Plex 5600 wireless locks to your system.

Features and Benefits:
- Cylindrical lock with Schlage C Key override (includes 2 keys)
- Satin chrome finish
- Use with wireless inside (75424) or outside antenna (75419) for complete wireless
- E-Plex wireless locks require firmware 3.74 (Select locks may require 3.75 firmware)
- Requires wireless antennae and a ZigBee wireless gateway with firmware V2.076 (some existing gateways can be used but may require factory flashing)
- Gateways set as routers can create “mesh” areas to expand system size
- Wireless range up to 100’*

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<tr>
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E-Plex 5700 electronic lock – 125kHz
Part No: E5731XSWL

The E-Plex 5700 electronic lock comes as a standard lock but is easily upgraded to a wireless lock that seamlessly integrates with Keyscan access control systems running Keyscan Aurora software version 1.0.14.2 or higher. E-Plex 5700 integrates using a ZigBee wireless network, which creates a two-way communication from lock to Aurora software. This integration is an ideal solution that will support your existing Keyscan 13.56 MHz credentials and provide a cost-effective solution for adding up to 100 E-Plex 5700 wireless locks to your system.

Features and Benefits:
- Cylindrical lock with Schlage C Key override (includes 2 keys)
- Satin chrome finish
- Use with wireless inside (75424) or outside antenna (75419) for complete wireless
- E-Plex wireless locks require firmware 3.74 (Select locks may require 3.75 firmware)
- Requires wireless antennae and a ZigBee wireless gateway with firmware V2.076 (some existing gateways can be used but may require factory flashing)
- Gateways set as routers can create “mesh” areas to expand system size
- Wireless range up to 100’*

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<td>A</td>
<td>6-8 weeks</td>
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</tbody>
</table>
### E-Plex lock accessories

#### Programming Cable

**Part No:** 940401

Required USB cable for programming E-Plex gateway 75425 and 75428 wall or desk mounted gateway models.

**Features and Benefits:**
- 6 foot length
- Installer tool, keep for future installations
- Powers gateway via USB to allow gateway to be programmed.
- Not required for permanent installation.

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<tr>
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#### E-Plex Wireless Inside Antenna

**Part No:** 75424

E-Plex wireless inside antenna kit with 4C batteries for use with ES600/ES700 Series locks. Converts E-Plex 5600 or 5700 hardware to operate with ZigBee wireless system integrating with Keyscan Aurora software. Includes antenna with back-plate and connecting cable; RF antenna is located on top of the E-Plex Lock. Enables optimum RF signal when a Gateway or Router is located on the opposite side of secure opening.

**Features and Benefits:**
- Real-time functionality of events and alarms
- Centralized access control management using Keyscan Aurora
- Provides wireless prosperity and operation of lock
- Extends duration of battery charge at lock
- Requires a site survey using site survey unit (Part No: 75427) to determine proper antenna type (inside or outside) for application.

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<td>6-8 weeks</td>
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</table>
E-Plex lock accessories

E-Plex Wireless Outside Antenna
Part No: 75419

E-Plex wireless outside antenna kit with 4C batteries for use with E5600/E5700 Series locks. Converts E-Plex 5600 or 5700 hardware to operate with ZigBee wireless system integrating with Keyscan Aurora software. Includes antenna with back-plate and connecting cable; RF antenna is located on the back side of the E-Plex Lock, on the secure side of the door. Enables optimum RF signal when a Gateway or Router is located on the opposite side of secure opening.

Features and Benefits:
- Real-time functionality of events and alarms
- Centralized access control management using Keyscan Aurora
- Provides wireless prosperity and operation of lock.
- Extends duration of battery charge at lock
- Requires a site survey using site survey unit (Part No: 75427) to determine proper antenna type (inside or outside) for application.

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<td>B</td>
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E-Plex Wireless Wall Mount Gateway Kit
Part No: 75428

An E-Plex Gateway provides two-way communication from an E-Plex Lock to Keyscan Aurora software. A Gateway communicates to Aurora by a direct connection to a USB (non-network) or TCP/IP network. A Router acts as a repeater, extending the radio frequency (RF) communication between the Gateway and E-Plex Locks.

Features and Benefits:
- Also available for a desktop mount
- Factory configured as a gateway; software is used to reconfigure a unit as a router
- 100 locks per Gateway/eight Routers per Gateway
- Eight Routers per Gateway/Router; 25 lock capacity (in range)
- Dimensions: 6” x 2¼” x 1½”
- For mounting on recessed electrical box. POE data connection found on back of gateway
- Comes with 120V to 5V plug in transformer
- Features POE and Data connections

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<th>Lead time</th>
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<tr>
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</table>
E-Plex Wireless Surface Mount Gateway Kit

Part No: 75425

An E-Plex Gateway provides two-way communication from an E-Plex Lock to Keyscan Aurora software. A Gateway communicates to Aurora by a direct connection to a USB (non-network) or TCP/IP network. A Router acts as a repeater, extending the radio frequency (RF) communication between the Gateway and E-Plex Locks.

Features and Benefits:
- Also available for a wall mount
- Factory configured as a gateway; software is used to reconfigure a unit as a router
- 100 locks per Gateway network/eight Routers per Gateway
- Eight Routers per Gateway/Router; 25 lock capacity (in range)
- Dimensions: 6” x 2¼” x 1½”
- For mounting on a surface or wall, POE data connection found on side of gateway
- Comes with 120V to 5V plug in transformer
- Features POE and Data connections

| Availability: Non Stock | Warranty: B | Lead time: 6-8 weeks | MSRP: $948.61 |

E-Plex Wireless Site Survey Unit

Part No: 75427

The E-Plex wireless site survey unit is used to determine the best and most efficient placements for new and existing E-Plex wireless systems.

Features and Benefits:
- Determines gateway or router placement for new and existing systems
- Includes internal rechargeable batteries through the mini USB interface or 120VAC adapter (included)
- Scans existing wireless networks when adding a gateway or router or E-Plex lock to an existing configuration
- Preserves battery power between charges with timed power-off feature

| Availability: Non Stock | Warranty: B | Lead time: 6-8 weeks | MSRP: $948.61 |
Wireless Lock Solutions

Keyscan-Schlage NDE Series Wireless Lock Interface Kit

**Part No:** CA150WLKTN

CA150WLKTN provides Aurora integration for up to eight Schlage NDE series wireless locks. The CA150WLKTN is a combination product that features a CA150WLN access control unit from Keyscan and a GNDE Allegion wireless gateway.

**Features and Benefits:**
- Comes with the CA150WLN Keyscan ACU and GNDE Allegion Gateway
- Schlage NDE series locks purchased separately from Allegion
- Requires Aurora Software V 1.0.14 or higher
- CA150WLN PoE 15.4 W powered* or 12VDC 680mA input.
- **GNDE warranty 12 months**

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Keyscan-Schlage AD-400 Series Wireless Lock Interface Kit

**Part No:** CA150WLKT

For customers who wish not to utilize the E-Plex integration with Keyscan systems, the CA150WLKT is a combination product that features a CA150WL access control unit from Keyscan and a PIM400-485 wireless lock interface from Allegion. Together, they allow integration with up to eight (8) Allegion AD400 series wireless locks on a Keyscan access control system.

**Features and Benefits:**
- Kit includes 1-CA150WL and 1-PIM400-485. For integration with Allegion AD400 series wireless locks.
- Allows integration with up to eight (8) wireless locks.
- Requires Aurora software V1.0.10 or higher.
- Requires Allegion HHD for PIM & lock programming (not included)
- CA150WL PoE 15.4 W powered* or 12VDC 680mA input. You can use 12 VDC output for strike and RTE

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<th>Lead time</th>
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</table>
Keyscan 13.56MHz Reader Series

Keyscan Smartcard BLE Reader

**Part No:** K-SMART3

This Keyscan BLE-ready smartcard reader is a 13.56 high frequency reader that offers users the convenience of using smartcards and the new K-BLE mobile credentials. It features additional support for a built-in "heartbeat" that monitors the reader communication advising end-users if any type of optional reader tamper or if the reader cable is cut. May not work with non-Keyscan access panels without purchase of optional K-PC2 programming card to disable enhanced features. Suitable for indoor and outdoor applications. Keyscan ACU requires System Firmware V 9.39 or higher for enhanced feature.

**Features and Benefits:**
- Mullion Mount size: 4-7/16” l x 1-11/16” w x 11/16” d (11.5 cm x 4.49 cm x 1.7 cm)
- Wall Mount size: 4-3/4” l x 3” w x 5/8” d (12 cm x 7.6 cm x 1.6 cm)
- Functions with Keyscan Mobile Credentials
- Also functions with Keyscan K-SECURE 1K/4K series or ISO 14443 type (CSN only) credentials
- 12 VDC operation @ 160 mA
- Has Keyscan heartbeat and MaxSecure™ (may not work with other access systems)
- Includes K-PC2 reader program card to toggle reader enhanced features On/Off with instructions.

**Availability:** Stock  
**Warranty:** C  
**Lead time:** 4 Business days  
**MSRP:** $657.14

---

Keyscan Legacy Smartcard Reader

**Part No:** K-SMART

K-SMART readers are discontinued. dormakaba recommends K-SMART3.

**Features and Benefits:**
- Item is discontinued
- Replaced with K-SMART3

**Availability:** N/A  
**Warranty:**  
**Lead time:** N/A  
**MSRP:** $0.00
Keyscan 13.56MHz Reader Series

Keyscan Smartcard Keypad Reader

Part No: K-SKPR

This 13.56 high frequency reader and keypad offers users the convenience of a contactless credential with the enhanced security of a combo reader/keypad and credential combination can offer. It features built-in support for smartcard security and encryption, a built-in “heartbeat” monitors reader communication advising end-users if any type of tamper or malfunction is detected. It is designed to function with Keyscan K-SECURE 1K and 4K, K-SF-1K, K-TX2-1K or ISO 14443 type credentials for CSN only.

Features and Benefits:
- Mifare proximity reader with 17” wire pigtail—now with AES encryption
- Use with Keyscan K-SECURE 1K and 4K cards or ISO 14443 type cards for CSN only
- Keypad wiegand output signal of 8-bit word burst
- Size 4” x 1.5” W x .6” D; Suitable for indoor and outdoor applications
- Up to 2” read range-12 VDC operation @ 160 mA (with clamshell type credential)
- Has Keyscan heartbeat and MaxSecure™—may not work with other access systems – call for details

| Availability | Non stock | Warranty | C | Lead time | 20-25 Business days | MSRP | $865.71 |
Keyscan 13.56MHz Credential Series

Keyscan Mifare Contactless Secure Smartcard
(1K memory)
Part No: K-SECURE 1K

The Keyscan K-SECURE Series Contactless Smartcard is equipped with numerous anti-counterfeiting and card anti-duplication technologies and a robust AES multilayer encryption technology offering greater security. K-SECURE complies with international interoperability (ISO14443) standards for 3rd party applications and is ISO printable. They are available in Keyscan 36-bit format for even more security over standard 26-bit 125kHz credentials which can be duplicated. Also available in 4K memory.

Features and Benefits:
• For use with Keyscan K-SMART3, K-SMART and K-SKPR readers
• Package of 50 cards-Keyscan 36 bit format. Also available in 10 packs (see K-SECURE1K10) or 4K memory (see K-SECURE 4K)
• Up to 2" read range
• 1K memory
• Cards are glossy / polished finish on both sides for best quality dye sublimation printing-cards can be slot punched

| Availability: Stock | Warranty: B | Lead time: 4 Business days | MSR$: 476.14 |

Keyscan Mifare Contactless Secure Smartcard
(4K memory)
Part No: K-SECURE 4K

The Keyscan K-SECURE Series Contactless Smartcard is equipped with numerous anti-counterfeiting and card anti-duplication technologies and a robust AES multilayer encryption technology offering greater security. K-SECURE complies with international interoperability (ISO14443) standards for 3rd party applications and is ISO printable. They are available in Keyscan 36-bit format for even more security over standard 26-bit 125kHz credentials which can be duplicated. Also available in 1K memory.

Features and Benefits:
• For use with Keyscan K-SMART3, K-SMART and K-SKPR readers
• Package of 50 cards-Keyscan 36 bit format; Also available in 1K (see K-SECURE 1K)
• Up to 2" read range
• 4K memory
• Cards are glossy / polished finish on both sides for best quality dye sublimation printing-cards can be slot punched

| Availability: Stock | Warranty: B | Lead time: 4 Business days | MSR$: 649.29 |
## Keyscan 13.56MHz Credential Series

### Keyscan Mifare Contactless Secure Smartcard

**Part No:** K-SECURE1K10

The Keyscan K-SECURE 1K Series of printable (ISO) style of Contactless Smartcard is equipped with numerous anti-counterfeiting and card anti-duplication technologies and a robust AES multilayer encryption technology offering greater security. K-SECURE 1K complies with international interoperability (ISO14443) standards for 3rd party applications and is ISO printable. They are available in Keyscan 36-bit format for even more security over standard 26-bit 125kHz credentials which can be duplicated.

**Features and Benefits:**
- For use with Keyscan K-SMART3, K-SMART and K-SKPR readers
- Package of 10 cards in Keyscan 36-bit format. Also available in 50 packs (see K-SECURE 1K)
- Up to 2” read range
- 1K memory
- Cards are glossy / polished finish on both sides for best quality dye sublimation printing. Cards can be slot punched on the supplied four dots.

#### Availability: Stock  
#### Warranty: A  
#### Lead time: 4 Business days  
#### MSRP: $80.00

### Keyscan Smart Fob 1K

**Part No:** K-SF-1K

The Keyscan K-SECURE series Smart Fob offers the same functionality and high security of the K-SECURE contactless smartcard. It includes the same numerous anti-counterfeiting and anti-duplication technologies as well as the robust AES multilayer encryption technology offering greater security. Keyscan smart Fob complies with international interoperability (ISO14443) standards for 3rd party applications. They are available in Keyscan 36-bit format for even more security. It is the ideal credential alternative to traditional card credentials.

**Features and Benefits:**
- For use with Keyscan K-SMART3, K-SMART and K-SKPR readers
- Package of 50 Fobs-Keyscan 36 bit format
- Read range 0.75 inches (19mm); read range may be reduced by 50% when using Fobs
- ABS plastic-gray with reinforced brass eyelet
- 1.2”W x 1.5”H x0.15”d (30mm x 38 mm x 3.8 mm)
- 1k memory-pre-programmed with Keyscan format

#### Availability: Non stock  
#### Warranty: H  
#### Lead time: 20-25 Business days  
#### MSRP: $859.94
Keyscan BLE & Accessories

Keyscan Mobile Credentials

Part No: K-BLE

Keyscan 36-Bit Format Mobile credential for use with K-SMART3 reader. Due to the advanced technical nature and training requirements to properly quote, order, install and service, Keyscan Mobile credentials will only be available direct from Keyscan and will not be available through distribution for a period of time.

Keyscan account required or credit card (Visa or Mastercard) only. Minimum order will be fifty (50) mobile credentials. Delivery of credentials by email. Due to the nature of these credentials they are NOT RETURNABLE and NON REFUNDABLE.

Features and Benefits:
- Installation of K-SMART3 BLE readers and software registration of Aurora V 1.0.16 or higher or Keyscan LUNA software.
- Generate and export RSA Key using Aurora; email to Keyscan with dealer info and order details.
- Minimum order of 50 mobile credentials.
- Contact your Keyscan Regional Sales Manager or Inside Sales for further information.
- Not available through distribution. Order direct from Keyscan using credit card or account (if applicable)

| Availability: Stock | Warranty: C | Lead time: 2 Business days | MSRP: Call for pricing |

Keyscan Mobile Credentials
(10 pack)

Part No: K-BLE10

Keyscan 36-Bit format, 10-pack of BLE mobile credentials for use with K-SMART3 reader. Due to the advanced technical nature and training requirements to properly quote, order, install and service, Keyscan mobile credentials will only be available direct from Keyscan and will not be available through distribution for a period of time. Keyscan account required or credit card (Visa or Mastercard) purchase only. Delivery of credentials by email. Due to the nature of these credentials they are NOT RETURNABLE and NON REFUNDABLE.

Features and Benefits:
- Installation of K-SMART3 BLE readers and software registration of Aurora V 1.0.16 or higher or Keyscan LUNA software.
- Generate and export RSA Key using Aurora; email to Keyscan with dealer info and order details.
- Contact your Keyscan Regional Sales Manager or Inside Sales for further information.
- Not available through distribution. Order direct from Keyscan using credit card or account (if applicable)

| Availability: Stock | Warranty: C | Lead time: 2 Business days | MSRP: Call for pricing |
Keyscan BLE & Accessories

Keyscan K-SMART3 Reader Program Card

**Part No:** K-PC2

This is a specially programmed card. Present to a properly installed, powered and functioning K-SMART3 reader after power up to toggle on/off the Keyscan proprietary enhanced features such as heartbeat and reader tamper. Works with all Keyscan default K-SMART3 site key readers.

**Features and Benefits:**
- Package of 5 same function cards that can be distributed among installation staff as a reader tool.
- Each card toggles K-SMART3 enhanced reader features

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<tbody>
<tr>
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<td>4 Business days</td>
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Keyscan K-SMART3 Reader Program Card (programming read range)

**Part No:** BLE1

Optional reader read range programming cards may be presented to a properly installed, powered and functioning K-SMART3 reader after power up. Card will toggle the BLE read range settings to one of 4 settings - short, medium, long and maximum. Not required for default BLE operation on K-SMART3 readers. Works with all Keyscan default K-SMART3 site key readers.

**Features and Benefits:**
- Package of five identical range setting programming cards that can be distributed among installation staff as a reader tool.
- Reader can only be programmed after reader power up

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<tbody>
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<td>$38.75</td>
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Keyscan 125kHz Reader Series

Keyscan Proximity Reader

**Part No:** K-PROX3

A robust and affordable reader with a sleek, modern finish. K-PROX3 features multiple mounting options, ‘heartbeat’ tamper resist, and anti-tamper capability for truly unrivalled performance and dependability. K-PROX3 boasts dedicated features designed for exclusive use with Keyscan’s Present3 and facility lockdown function. When enabled, the reader will indicate status with new auxiliary LED indicators. These features are enabled by default. K-PC programming card (sold separately) is required to program features on or off or to program for use with non-Keyscan systems.

**Features and Benefits:**
- Proximity reader with separate ABS single gang wall mounting plate with 12” wire pigtail
- Functions with Keyscan, Farpointe and HID 125 kHz technology 36 bit or 26 bit credentials
- Suitable for indoor and outdoor applications
- Size 4” l x 1.5” W x 6” D with 4”-6” read range
- 12 VDC operation @ 80 mA
- Firmware and K-PC1 programming card required for Present3 and lockdown features

| Availability: Stock | Warranty: C | Lead time: 4 Business days | MSRP: $265.49 |

Keyscan Proximity Keypad Reader

**Part No:** K-KPR

The Keyscan K-KPR offers the same features as its K-PROX3 and K-PROX2 counterparts with an added keypad security layer. This proximity keypad reader provides a sleek finish with clear LED illumination for access granted and denial indications. It also features an on board beeper to generate audible tones or sound a local "door-held-open" alert and offers versatile mounting options. It is also well-suited for both interior or exterior use. K-KPR is ideal for dual verification security by prompting both an access credential and/or personal PIN number.

**Features and Benefits:**
- Combination proximity & keypad reader with 12” wire pigtail
- Single gang wall mounting plate with both black & off-white covers
- Functions with Keyscan, Farpointe and HID 125 kHz technology 36 bit or 26 bit credentials
- Suitable for indoor and outdoor applications
- 12 VDC operation @ 80 mA with 4”-6” read range; Keypad wiegand output signal of 8-bit word burst

| Availability: Stock | Warranty: C | Lead time: 4 Business days | MSRP: $865.71 |
When planning access control for hostile environments rely on the Keyscan K-VAN vandal resistant proximity reader. This reader is constructed of a solid stainless steel body. Its features include proximity RFID technology, vandal and bullet resistant, Fibertex, insert and compact size with optional tamper-proof blind mounting. K-VAN is an ideal proximity reader for all indoor or outdoor applications where aggressive behavior, crime or high-threat environments could be expected.

**Features and Benefits:**
- Vandal resistant prox reader, stainless steel, mullion mount housing. Comes with 36” wire pigtail
- Functions with Keyscan, Farpointe and HID 125 kHz technology 36 bit or 26 bit credentials
- Suitable for indoor and outdoor applications
- 1” read range
- 12 VDC operation @ 90 mA
- Available in small quantities (1-10). Large orders will require 2-3 weeks lead time

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The WSSKP-1 keypad is an alternative to card readers and functions with any Keyscan control unit or other systems that support a Wiegand (36-bit format) input signal. It can also be used conjointly with a proximity reader. It has stand-alone capability storing up to 28 PIN codes, which can be used to activate an alarm panel for arming and disarming, locking and unlocking a door, or triggering a video surveillance system. The WSSKP-1 is rugged and water-resistant. With a stainless steel body, it may be installed indoors or outdoors.

**Features and Benefits:**
- Wiegand output or digital output for stand-alone operation
- As stand-alone unit will accommodate 28 user codes
- Rugged stainless steel buttons with braille markings
- Default 36-bit output; can operate 26-bit but not recommended
Keyscan 125kHz Credentials

Keyscan 125 kHz Clamshell Prox Card-36 bit
Part No: CS125-36

The Keyscan CS125 standard proximity clamshell cards are designed to be used with Keyscan proximity readers K-PROX3, K-PROX2, K-KPR, and K-VAN as well as a series of HID 125 kHz compatible readers. They are an affordable alternative to other compatible card credentials.

Features and Benefits:
• Keyscan and HID compatible clamshell card-with slot punch.
• Package of 50 cards
• Note: up to 4" read range
• Cards have batch & card number on back

Availability: Stock Warranty: C Lead time: 4 Business days MSRP: $418.43

Keyscan Reader Accessories

Keyscan K-PROX3 Reader Programming Card
Part No: K-PC1

This programming card is designed to toggle on or off K-PROX3 enhanced features. This will enable backward compatibility with previous versions of Keyscan ACUs. Card must be presented to a properly installed, configured and functioning K-PROX3 reader to function.

Features and Benefits:
• Present this programming card to a functioning K-PROX3 reader to enable or disable proprietary Keyscan functions
• Required to toggle on/off the K-PROX3 enhanced features for use with non-Keyscan access panels or older Keyscan panels
• Available in package of 5 cards that can be distributed among installing staff
• Requires 9.39 firmware

Availability: Stock Warranty: C Lead time: 4 Business days MSRP: $38.75
Farpointe 125kHz Reader Series

Farpointe Mullion-Mount Keypad Reader

Part No: P-620-H

The Farpointe P-620-H reader is a mullion version of Keyscan’s K-KPR keypad reader. Fully supported by Keyscan and other access control systems the Farpointe P-620-H is a cost effective alternative to other traditional 125 kHz technology readers. Available Black only.

Features and Benefits:
• Keypad & reader with pigtail cable in one unit
• Read range up to 5” (126 mm)
• IP67 rated for indoor and outdoor applications
• 12VDC at 110mA peak
• Dimension 1.78” W x 6.1” H x 0.91” D (45 mm x 155 mm x 23 mm)
• Functions with select Farpointe, Keyscan and HID 125kHz prox credentials

| Availability: Stock | Warranty: H | Lead time: 4 Business days | MSRP: $865.71 |

Farpointe Enhanced Range Reader

Part No: P-710-H

The Farpointe P-710-H reader offers an enhanced range that may be suitable for access scenarios where time may be of the essence. Fully supported by Keyscan and other access control systems the Farpointe P-710-H offers a unique up to 15” read range and is a cost effective alternative to other traditional 125 kHz technology readers. Available Black only.

Features and Benefits:
• Longer read range reader with pigtail cable, read range up to 15” (378 mm)
• Black enclosure with black label concealing mounting screws
• IP67 rated for indoor and outdoor applications
• 12VDC at 350 mA peak. May require separate 12VDC power supply
• Dimension 6” W x 8.5” H x 1” D (216 mm x 152 mm x 25.4 mm)
• Functions with select Farpointe, Keyscan and HID 125kHz prox credentials

| Availability: Stock | Warranty: H | Lead time: 4 Business days | MSRP: $865.71 |
Farpointe 125kHz Reader Series

Farpointe Long Range Reader

**Part No:** P-900-H

The Farpointe P-900-H reader is a long range reader solution ideal when long-range read applications are required. Fully supported by Keyscan and other access control systems the Farpointe P-900-H offers up to 20" read range and is a cost effective alternative to other traditional 125 kHz technology readers. Available Black only. This reader will require additional 12VDC power supply.

**Features and Benefits:**

- Longer read range reader with pigtail cable, read range up to 20" (504 mm)
- Black enclosure with black label concealing mounting screws
- IP67 rated for indoor and outdoor applications
- 12VDC at 500 mA peak. Will require separate 12VDC power supply
- Dimension 10.5” W x 10.5” H x 2” D (267 mm x 267 mm x 51 mm)
- Functions with select Farpointe, Keyscan and HID 125kHz prox credentials

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Farpointe 125kHz Credential Series

Farpointe Graphics Quality Card Credential

**Part No:** PSM-2P-H


**Features and Benefits:**
- ISO Style, printable PVC proximity card
- Keyscan 36-bit format
- HID 125 KHz compatible card
- 2.1” W x 3.4” H x 0.031” D (53mm x 86mm x 0.79mm)
- Package of 50 Cards per box
- Alternative to HID-C1386

<table>
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<th>Availability: Stock</th>
<th>Warranty: H</th>
<th>Lead time: 4 Business days</th>
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Farpointe Fob Credential

**Part No:** PSK-3-H

PSK-3-H is a 125kHz (prox) key ring style Fob. This Fob functions with Keyscan K-PROX3, K-PROX2, K-KPR, K-VAN, Farpointe P-300, P-620-H, P-710-H and P-900-H as well as 125kHz readers using a Wiegand protocol.

**Features and Benefits:**
- ABS Plastic with reinforced brass eyelet Fob
- Keyscan 36-bit format
- 1.2” W x 1.5” H x 0.15” D (30 mm x 38 mm x 3.8 mm)
- HID 125 kHz compatible Tag
- Package of 50 tags per box
- Alternative to HID PROXKEYIII

| Availability: Stock | Warranty: H | Lead time: 4 Business days | MSRP: $885.91 |
Farpointe Adhesive Tag Credential

Part No: PDT-1-H

PDT-1-H is a 125kHz (prox) adhesive tag. Ideal for adding an single and/or additional credential to a non-125 kHz access control card, ID badge or the case of a mobile phone to convert it to your access control credential. This adhesive tag functions with Keyscan K-PROX3, K-PROX2, K-KPR, K-VAN; Farpointe P-300, P-620-H, P-710-H and P-900-H as well as 125kHz readers using a Wiegand protocol.

Features and Benefits:
- PVC style adhesive tag
- Keyscan 36-bit format
- 1" diameter x 0.0625" thick (25.4mm x 1.6mm), glossy white
- HID 125 KHz compatible Tag
- Package of 50 Tags per box
- Equivalent to HID-C139

Availability: Stock
Warranty: 1
Lead time: 4 Business days
MSRP: $649.29
The Keyscan K-RX wireless receiver is recommended for parking garage, gate and many other long-range applications. K-RX transmits a signal via hardwired Wiegand for access control panel authentication and works with the K-TX2 or K-INTX2 fob transmitters (125 kHz) or K-TX2-1K and K-TX2-1KB fob transmitters (13.56 MHz) from up to 200 feet. Fobs also perform as credentials when used within your facility. K-RX RF Receiver and fob transmitters together deliver a secure wireless access control solution.

Features and Benefits:

• Four (4) channel receiver. Frequency is 433 MHz (UHF).
• Read range adjustable up to 200’ (61 m) with activation LED
• 12VDC operation @ 120 mA typical
• Keyscan 36 wiegand format only-Keyscan heartbeat
• May not work with other access systems-call us for details
• Now with Max Secure™ encryption between transmitter and receiver for additional security

| Availability: Stock | Warranty: C | Lead time: 4 Business days | MSRP: $894.57 |
Keyscan Wireless RF Access Solutions

Keyscan 4 Button RF Transmitter  
(with K-SECURE 1K chip)  
**Part No:** K-TX2-1K

Keyscan offers this SMART RF transmitter. It functions with Keyscan K-RX and K-SMART series high-frequency (13.56MHz) environments. A simple way to grant access in parking gate, garage and other long-range read access control environments.

Features and Benefits:
- Key Fob style
- Package of ten (10) transmitters c/w 1” key ring
- 4 button RF transmitter w K-SECURE 1k
- Same batch and card number programmed for both HID & RF operation.
- Max Secure™ encryption between transmitter and receiver for additional security
- Functions with K-RX wireless receiver, K-SMART, K-SMART3 and K-SKPR readers
- 36 bit format for physical presentation, and 36 bit for RF output at receiver.

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</table>

Keyscan Dual Purpose RF Transmitter  
(with blank mifare programmable chip)  
**Part No:** K-TX2-1KB

The Keyscan K-TX2-1KB is a long-range radio-frequency (RF) dual-purpose transmitter credential designed specifically for use with dormakaba Multihousing or Lodging access control applications integrating with Keyscan networked access control systems.

Features and Benefits:
- Key Fob style
- Package of ten (10) transmitters
- 4 button RF transmitter w/blank programmable 13.56MHz coil for use with Keyscan SRK reader series in multihousing/lodging access control applications
- Max Secure™ encryption between transmitter and receiver for additional security
- Functions with K-RX wireless receiver and Keyscan SRK reader series only
- 36 bit format for physical presentation, and 36 bit for RF output at receiver

<table>
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<th>Lead time</th>
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Keyscan Wireless RF Access Solutions

Keyscan 4 button RF Transmitter - 125kHz
(36 bit with HID chip)
Part No: K-TX2

Keyscan K-TX2 transmitter is a simple way to grant access in parking gate, garage and other long-range access control environments. It can also function within your facility.

Features and Benefits:
• Package of ten (10) transmitters
• 4 button 36 bit RF transmitter, c/w HID compatible proximity chip also 36 bit format
• Same batch and card number programmed for both HID & RF operation
• Max Secure™ encryption between transmitter and receiver for additional security
• Works with K-RX wireless receiver
• 36 bit format for physical presentation; and 36 bit for RF output at receiver.

Availability: Stock  Warranty: B  Lead time: 4 Business days  MSRP: $707.00

Keyscan 4 Button RF Transmitter – 125kHz
(36 bit with Indala chip)
Part No: K-INTX2

Keyscan K-INTX2 transmitter is a simple way to grant access in parking gate, garage and other long-range read access control environments. It can also function within your facility. Functions with K-RX receiver and Keyscan Indala readers only

Features and Benefits:
• Package of ten (10) transmitters
• 4 button RF transmitter c/w Indala proximity chip 36 bit format
• Same batch & card number programmed for both Indala & RF operation.
• Max Secure™ encryption between transmitter and receiver for additional security
• 36 bit format for physical presentation; and 36 bit for RF output at receiver.

Availability: Stock  Warranty: B  Lead time: 4 Business days  MSRP: $822.43
**iCLASS® Seos® Profile Readers**

### iCLASS SE R10 Reader

**with Seos Profile**

**Part No:** R10SO

![iCLASS SE R10 Reader](image)

iCLASS® Seos Only Profile mullion mount reader. Supports the new Seos® technology for physical and mobile credentials. Not backwards compatible with iClass SE or iClass Legacy physical credentials. Highly secure. Contact Keyscan for further details. May require plastic spacer for mounting on metal. Available black only.

**Features and Benefits:**
- R10 mobile ready smartcard reader, public key
- Highly secure with advanced credential technology
- IP65 rating for indoor or outdoor use with optional gasket
- 12VDC at 240mA peak; Easy to install; often reusing existing cabling
- 1.9"W x 4.1"H x 0.9"D (4.8cm x 10.3cm x 2.3cm)

**Availability:** Non Stock  
**Warranty:** H  
**Lead time:** 15-20 Business days  
**MSRP:** $299.20

### iCLASS SE R40 Reader

**with Seos Profile**

**Part No:** R40SO

![iCLASS SE R40 Reader](image)

iCLASS® Seos Only Profile Single gang or wall mount reader. Supports the new Seos® technology for physical and mobile credentials. Not backwards compatible with iClass SE or iClass Legacy physical credentials. Highly secure. Contact Keyscan for further details. May require plastic spacer for mounting on metal. Available black only.

**Features and Benefits:**
- R40 mobile ready smartcard reader, public key
- Highly secure with advanced credential technology
- IP65 rating for indoor or outdoor use with optional gasket
- 12VDC at 240mA peak; Easy to install; often reusing existing cabling
- 3.3"W x 3.3"H x 0.9"D (8.4cm x 8.4cm x 2.3cm)

**Availability:** Non Stock  
**Warranty:** H  
**Lead time:** 15-20 Business days  
**MSRP:** $584.25
iCLASS® Seos® Profile Readers

iCLASS SE RK40 Reader
with Seos Profile
Part No: RK40SO

iCLASS® Seos Only Profile Single gang or wall mount keypad reader. Supports the new Seos® technology for physical and mobile credentials. Not backwards compatible with iClass SE or iClass Legacy physical credentials. Highly secure. Contact Keyscan for further details. May require plastic spacer for mounting on metal. Available black only.

Features and Benefits:
- RK40 mobile ready smartcard keypad reader, public key
- Keypad wiegand output with 4-bit word burst
- 12VDC at 260mA peak; IP65 rating for indoor or outdoor use with optional gasket
- 3.3"W x 4.8"H x 1.1"D (8.5cm x 12.2cm x 2.8cm)
- Highly secure with advanced credential technology, easy to install; often reusing existing cabling

| Availability: Non Stock | Warranty: A | Lead time: 20-25 Business days | MSRP: $0,000.00 |

Electronic Access & Data
Keyscan Price Book - Jan 2020
iCLASS® Seos® Profile Readers

iCLASS® SE R10 Mobile-Ready Reader
(with Seos® Profile; BLE & NFC)

**Part No:** R10SOM

HID’s iCLASS® Seos Only Profile mullion mount reader. Only supports the new Seos® technology physical and HID mobile credentials. Not backwards compatible with iClass SE or iClass Legacy physical credentials. Highly secure and ready to support HID NFC and/or BLE Mobile Access®. Requires on-boarding process to obtain Mobile credentials. Contact Keyscan for further details. May require plastic spacer for mounting on metal. Available black only.

**Features and Benefits:**
- R10 mobile ready smartcard reader; public key, supports Seos® and HID Mobile Credentials through BLE & NFC
- Highly secure with advanced credential technology
- IP65 rating for indoor or outdoor use with optional gasket
- 12VDC at 240mA peak; Easy to install; often reusing existing cabling
- 1.9"W x 4.1"H x 0.9"D (4.8cm x 10.3cm x 2.3cm)
- No legacy iCLASS® or iCLASS® SE compatibility

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iCLASS® SE R40 Mobile-Ready Reader
(with Seos® Profile; BLE & NFC)

**Part No:** R40SOM

HID’s iCLASS® Seos Only Profile Single gang or wall mount reader. Only supports the new Seos® technology physical and HID mobile credentials. Not backwards compatible with iClass SE or iClass Legacy physical credentials. Highly secure and ready to support HID NFC and/or BLE Mobile Access®. Requires on-boarding process to obtain Mobile credentials. Contact Keyscan for further details. May require plastic spacer for mounting on metal. Available black only.

**Features and Benefits:**
- R40 mobile ready smartcard reader; public key, supports Seos® and HID Mobile Credentials through BLE & NFC
- Highly secure with advanced credential technology
- IP65 rating for indoor or outdoor use with optional gasket
- 12VDC at 240mA peak; Easy to install; often reusing existing cabling
- 3.3"W x 3.3"H x 0.9"D (8.4cm x 8.4cm x 2.3cm)
- No legacy iCLASS® or iCLASS® SE compatibility

| Availability: Non Stock | Warranty: H | Lead time: 15-20 Business days | **MSRP:** $753.33 |
iCLASS® Seos® Profile Readers

iCLASS® SE RK40 Mobile-Ready Keypad Reader (with Seos® Profile; BLE & NFC)

**Part No:** RK40SOM

HID’s iCLASS® Seos Only Profile Single gang or wall mount keypad reader. Only supports the new Seos® technology physical and HID mobile credentials. Not backwards compatible with iClass SE or iClass Legacy physical credentials. Highly secure and ready to support HID NFC and/or BLE Mobile Access®. Requires on-boarding process to obtain Mobile credentials. Contact Keyscan for further details. May require plastic spacer for mounting on metal. Available black only.

**Features and Benefits:**
- RK40 mobile ready smartcard reader, public key, supports Seos® and HID Mobile Credentials through BLE & NFC
- Keypad wiegand output with 4-bit word burst
- 12VDC at 260mA peak; IP65 rating for indoor or outdoor use with optional gasket
- 3.3”W x 4.8”H x 1.1”D (8.5cm x 12.2cm x 2.8cm)
- Highly secure with advanced credential technology, easy to install; often reusing existing cabling
- No legacy iCLASS® or iCLASS® SE compatibility

**Availability:** Non Stock  
**Warranty:** 1  
**Lead time:** 15-20 Business days  
**MSRP:** $1,235.04
iCLASS® Seos® & HID Mobile Credentials

iCLASS® SE Credential with Seos® Profile

**Part No:** I8KSEOS

HID's high frequency contactless smart card for securing identities. ISO style printable card. Can use direct imaging and thermal transfer printers. 8K-processor card for standard applications. Works with all Seos® Only readers and all Public Key SE readers. Keyscan 36 bit format. Leverages SIO data model and security. Seos® is a breakthrough credential technology. Seos® offers the freedom to use your device of choice – from smart cards to smartphones – for secure access and confidence of best-in-class security and privacy protection.

**Features and Benefits:**
- 13.56MHz contactless smart card; 2.127"W x 3.375"L x 0.033"D (5.4cm x 8.57cm x 0.084cm)
- 8K memory
- Works with Keyscan Public key Seos® readers and Public key SE readers (keyscaen SE stock readers are not public key)
- Package of 50 credentials
- Seos credential cannot be slot punched. Requires card grip for use with lanyard or card clip

**Availability:** Non Stock  
**Warranty:** N/A  
**Lead time:** 20-25 Business days  
**MSRP:** $603.25

HID Mobile Credential

**Part No:** HID Mobile

HID mobile credentials are available from Keyscan. Due to the advanced technical nature and training requirements to be able to properly quote, order, install and service this type of access solution, the HID Mobile credentials will only be available directly from Keyscan and will not be available through distribution for a period of time. Keyscan account required for purchase or if you do not have a Keyscan direct account, mobile credentials can be purchased with credit card either Visa or Mastercard only. Minimum order will be one hundred (100) mobile credentials.

**Features and Benefits:**
- Keyscan process to be able to purchase mobile credentials will require:
  - Attending an Mobile Solution overview webinar
  - Completing Keyscan mobile solution review form
  - Review and acceptance of HID's Mobile On-Boarding form
  - Dealer completing a number of HID's on-line training courses and submitting HID completion certificates to Keyscan.
  - Dealer and/or Mobile Administrator completing HID's on-line Web Portal training and submitting HID completion certificate to Keyscan.
  - Minimum order of 100 credentials with completed HID's Mobile On-Boarding form and payment or purchase order.
  - Contact your Keyscan sales contact or Technical Inside Sales staff for further information on the HID Mobile Solution.

**Availability:** Non Stock  
**Warranty:** N/A  
**Lead time:** Call for details  
**MSRP:** Call for pricing
Keyscan UHF Reader & Credential Series

Keyscan UHF Long Range Reader

**Part No:** KU90UHF

The SIO enabled UHF smart card provides a secure ultra high frequency (UHF) long-range parking and gate control solution. This UHF reader can read from distances of up to five meters for long-range identification. Requires standard VESA mounting hardware, not included. Functions with the most secure UHF credential available, the reader issues a password to obtain access to secured areas of the card’s memory. Secure Identity Object (SIO) data model adds a layer of encryption and authentication for advanced security. Available black only.

**Features and Benefits:**
- Requires the use of KIUHF credentials
- Reads UHF cards from up to 5 meters away
- 12VDC at 1.0 A peak. Requires separate power supply, 12 or 24 VDC
- 9.1"W x 9.1"H x 2.25"D (23.1cm x 23.1cm x 7cm)
- Does not work with HID iClass, iClass SE or Mobile Credentials
- Recommended installer take HID on-line training to learn how to program this reader with laptop

| Availability: Non Stock | Warranty: A | Lead time: 20-25 Business days | **MSRP:** $2,993.41 |

Keyscan UHF Credential

**Part No:** KIUHF

The most secure UHF credential available, the reader issues a password to obtain access to secured areas of the card’s memory. Secure Identity Object (SIO) data model adds a layer of encryption and authentication for advanced security. The UHF Smart Card meets strict ISO standards for thickness and can be used with high definition printers for custom artwork or photo identification imprinted directly on the card.

**Features and Benefits:**
- UHF technology can be read from up to five meters depending on mounting and environment
- For use only with KU90UHF long-range reader
- Secure Identity Object (SIO) enabled, for multi-layered security
- 2.127"W x 3.375"H x 0.033"D (5.4cm x 8.57cm x 0.084cm)
- Available in packs of 50 cards, minimum order 100

| Availability: Non Stock | Warranty: C | Lead time: 20-25 Business days | **MSRP:** $1,314.45 |
Keyscan UHF Reader & Credential Series

Keyscan Dual iCLASS® SE & UHF Credential

**Part No:** KI4KSEUHF

A dual UHF and SE credential. Designed specifically for parking and building applications. It is designed to function with KU90UHF reader. Keyscan iClass Elite key, 36-bit format.

**Features and Benefits:**
- Ultra-High Frequency format can be read from up to 5 meters from the KU90UHF reader
- 13.56MHz format for use with iCLASS® SE standard profile readers
- 4K memory with 2 application locations
- 2.127"W x 3.375"H x 0.033"D (5.4cm x 8.57cm x 0.084cm)
- Keyscan high security format works with Keyscan iCLASS® SE readers
- Available in packs of 50 cards, minimum order 100

**Availability:** Non Stock  
**Warranty:** C  
**Lead time:** 20-25 Business days  
**MSRP:** $1,571.90

Windshield Mount for UHF Credentials

**Part No:** WSHLDMT

This unique mount is designed to affix easily on the inside of your car or truck’s windshield offering a convenient holder for your UHF long-range credential. No more rustling to find your credential as you approach the garage or parking gate. Simply drive up and the credential in your mount enters the reader’s field, activating the gate.

**Features and Benefits:**
- Simple and convenient mount for UHF card credentials
- Available in packs of 10, minimum order 20
- Available white only

**Availability:** Non Stock  
**Warranty:** 30 days  
**Lead time:** 20-25 Business days  
**MSRP:** $256.00
Keyscan iCLASS® SE Reader Series

**Keyscan iCLASS® R10 SE Smart Card Reader**

**Part No:** KR10SE

The iCLASS® SE profile offers a secure identity data structure based on Secure Identity Object (SIO), a new portable credential methodology. This platform is based on the Trusted Identity Platform (TIP) for advanced applications, mobility and heightened security. iCLASS® SE offers multi-layered security, data authenticity and privacy, stellar performance with SIO media mapping. It is field programmable with status LEDs and it supports Keyscan Elite Key enhanced security.

**Features and Benefits:**
- 13.56 MHz mullion mount read only contactless smart card reader
- Keyscan Elite Key high security format
- 2-3” read range
- For new iCLASS® installations only
- Will support Seos® card credentials
- Not compatible with legacy Keyscan iCLASS® SR credentials

**Availability:** Stock  
**Warranty:** H  
**Lead time:** 4 Business days  
**MSRP:** $401.36

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**Keyscan iCLASS® R40 SE Smart Card Reader**

**Part No:** KR40SE

The iCLASS® SE profile offers a secure identity data structure based on Secure Identity Object (SIO), a new portable credential methodology. This platform is based on the Trusted Identity Platform (TIP) for advanced applications, mobility and heightened security. iCLASS® SE offers multi-layered security, data authenticity and privacy, stellar performance with SIO media mapping. It is field programmable with status LEDs and it supports Keyscan Elite Key enhanced security.

**Features and Benefits:**
- 13.56 MHz mullion mount read only contactless smart card reader
- Keyscan Elite Key high security format
- 2-3” read range
- For new iCLASS® installations only
- Will support Seos® card credentials
- Not compatible with legacy Keyscan iCLASS® SR credentials

**Availability:** Stock  
**Warranty:** H  
**Lead time:** 4 Business days  
**MSRP:** $645.45
Keyscan iCLASS® SE Reader Series

Keyscan iCLASS® RK40 SE Smart Card Keypad/Reader

Part No: KRK40SE

The iCLASS® SE profile offers a secure identity data structure based on Secure Identity Object (SIO), a new portable credential methodology. This platform is based on the Trusted Identity Platform (TIP) for advanced applications, mobility and heightened security. iCLASS® SE offers multi-layered security, data authenticity and privacy, stellar performance with SIO media mapping. It is field programmable with status LEDs and it supports Keyscan Elite Key enhanced security.

Features and Benefits:

- 13.56 MHz mullion mount read only smart card reader keypad; Keypad wiegand output with 4-bit word burst
- Keyscan Elite Key high security format
- 2-3" read range
- For new iCLASS® installations only
- Will support Seos® card credentials
- Not compatible with legacy Keyscan iCLASS® SR credentials

| Availability: Non Stock | Warranty: H | Lead time: 20-25 Business days | MSRP: $1,195.43 |
Keyscan iCLASS® SE Credential Series

Keyscan iCLASS® SE Clamshell Smartcard

Part No: KC2K2SE

iCLASS® SE credentials are part of the iCLASS® SE access control platform and open ecosystem based on a Trusted Identity Platform (TIP) architecture for advanced applications, mobility and heightened security. iCLASS® SE makes access control more powerful, more versatile, and more secure by providing additional key diversification, authentication, encryption and portability for advanced security and performance.

Features and Benefits:
- Package of 50 clamshell cards, Minimum order of 100 cards (2 boxes)
- 13.56 MHz contactless smart card
- 2 k memory with 2 application areas
- For new iCLASS® installations only
- Keyscan Elite Key high security format works with Keyscan iCLASS® SE readers
- Not compatible with legacy Keyscan iCLASS® readers


Keyscan iCLASS® SE ISO Smartcard

Part No: KI2K2SE

iCLASS® SE credentials are part of the iCLASS® SE access control platform and open ecosystem based on a Trusted Identity Platform (TIP) architecture for advanced applications, mobility and heightened security. iCLASS® SE makes access control more powerful, more versatile, and more secure by providing additional key diversification, authentication, encryption and portability for advanced security and performance.

Features and Benefits:
- Package of 50 ISO graphics quality cards, Minimum order of 100 cards (2 boxes)
- 13.56 MHz contactless smart card, 2 k memory with 2 application areas
- For new iCLASS® installations only
- Keyscan Elite Key high security format works with Keyscan iCLASS® SE readers
- Not compatible with legacy Keyscan iCLASS® readers
- Read range may be reduced by 25% when using ISO cards

Availability: Non Stock  Warranty: C  Lead time: 20-25 Business days  MSRP: $671.09
**Keyscan iCLASS® SE Credential Series**

**Keyscan iCLASS® SE Smart Fob**  
**Part No:** KF2K2SE

iCLASS® SE credentials are part of the iCLASS® SE access control platform and open ecosystem based on a Trusted Identity Platform (TIP) architecture for advanced applications, mobility and heightened security. iCLASS® SE makes access control more powerful, more versatile, and more secure by providing additional key diversification, authentication, encryption and portability for advanced security and performance.

**Features and Benefits:**
- Package of 50 Fobs, Minimum order of 100 Fobs (2 boxes)
- 13.56 MHz contactless smart Fob
- 2k memory with 2 application areas
- Read range may be reduced by 50% when using Fobs or tags
- For new iCLASS® installations only.
- Keyscan Elite Key high security format, works with Keyscan iCLASS® SE readers
- Not compatible with legacy Keyscan iCLASS® readers

| Availability: Stock | Warranty: A | Lead time: 4 Business days | MSRP: $871.59 |
Keyscan iCLASS® SE Legacy Readers

Keyscan iCLASS® R10 SE Smart Card Reader (Legacy)

Part No: KR10L

iCLASS® readers and credentials provide security through encryption and mutual authentication between the card and reader. Designed to be 'backwards compatible' to work in conjunction with environments using previously installed iCLASS® security technology. Functions with both iCLASS® SE and iCLASS® Legacy credentials.

Features and Benefits:
• 13.56 MHz mullion mount contactless smart card reader
• Keyscan Elite Key high security format
• 2-3” read range
• Compatible with all legacy Keyscan iCLASS® credentials

Availability: Stock  Warranty: H  Lead time: 4 Business days  MSRP: $335.18

Keyscan iCLASS® R40 SE Smart Card Reader (Legacy)

Part No: KR40L

iCLASS® readers and credentials provide security through encryption and mutual authentication between the card and reader. Designed to be 'backwards compatible' to work in conjunction with environments using previously installed iCLASS® security technology. Functions with both iCLASS® SE and iCLASS® Legacy credentials.

Features and Benefits:
• 13.56 MHz single gang back box mount read only contactless smart card reader
• Keyscan Elite Key high security format
• 2-4” read range
• Compatible with all legacy Keyscan iCLASS® credentials

Availability: Stock  Warranty: H  Lead time: 4 Business days  MSRP: $684.90
Keyscan iCLASS® SE Legacy Readers

Keyscan iCLASS® RK40 SE Keypad Reader (Legacy)
Part No: KRK40L

iCLASS® readers and credentials provide security through encryption and mutual authentication between the card and reader. Designed to be ‘backwards compatible’ to work in conjunction with environments using previously installed iCLASS® security technology. Functions with both iCLASS® SE and iCLASS® Legacy credentials.

Features and Benefits:
• 13.56 MHz single gang back box mount read only c/w keypad contactless smartcard reader
• Keyscan Elite Key high security format
• 2-4” read range
• Compatible with all legacy Keyscan iCLASS® credentials
• Keypad wiegand output with 4-bit word burst

| Availability: Stock | Warranty: | Lead time: 4 Business days | MSRP: $1,267.80 |

Electronic Access & Data
Keyscan iCLASS® SE Legacy Credentials

Keyscan iCLASS® SR Legacy Smartcard
(Clamshell)
Part No: KC2K2SR

iCLASS® offers customers a multiple layer of card-to-reader security. End users receive a high security credential that is exclusive to the Keyscan access control system and backward compatible with legacy iCLASS® SE readers. iCLASS® credentials and readers are ‘factory programmed’ to match. As a result, only matching cards and readers will work together, further prohibiting other cards and readers from inadvertently functioning within your company’s secured areas.

Features and Benefits:
• Package of 50 standard clamshell cards
• 13.56 MHz contactless smart card
• 2 k memory with 2 application areas
• Keyscan Elite Key high security format
• Only works with Keyscan iCLASS® or Keyscan iCLASS® SE readers

| Availability: Stock | Warranty: H | Lead time: 4 Business days | MSRP: $497.75 |

Keyscan iCLASS® SR Legacy ISO Smartcard
Part No: KI2K2SR

iCLASS® offers customers a multiple layer of card-to-reader security. End users receive a high security credential that is exclusive to the Keyscan access control system and backward compatible with legacy iCLASS® SE readers. iCLASS® credentials and readers are ‘factory programmed’ to match. As a result, only matching cards and readers will work together, further prohibiting other cards and readers from inadvertently functioning within your company’s secured areas.

Features and Benefits:
• Package of 50 standard (printable) cards
• 13.56 MHz contactless smart card; 2 k memory with 2 application areas
• Keyscan Elite Key high security format
• Only works with Keyscan iCLASS® or Keyscan iCLASS® SE readers
• Read range may be reduced by 25% when using ISO cards

| Availability: Stock | Warranty: H | Lead time: 4 Business days | MSRP: $676.15 |
Keyscan iCLASS® SE Legacy Credentials

Keyscan iCLASS® SR Legacy Smart Fob

Part No: KF2K2SR

iCLASS® offers customers a multiple layer of card-to-reader security. End users receive a high security credential that is exclusive to the Keyscan access control system and backward compatible with legacy iCLASS® SE readers. iCLASS® credentials and readers are ‘factory programmed’ to match. As a result, only matching cards and readers will work together, further prohibiting other cards and readers from inadvertently functioning within your company’s secured areas.

Features and Benefits:
- Package of 50 Fobs
- 13.56 MHz contactless smart Fob with blue round insert
- 2k memory with 2 application areas
- Read range may be reduced by 50% when using Fobs or tags
- Keyscan Elite Key high security format
- Only works with Keyscan iCLASS® or Keyscan iCLASS® SE readers

Availability: Stock  Warranty: 1  Lead time: 20-25 Business days  MSRP: $874.40
iCLASS® SR Legacy Public Key ISO Smartcard

Part No: I2K2PSR36

iCLASS® legacy public key credentials are available as part of the iCLASS® access control platform. These iCLASS® legacy credentials makes access control more powerful, more versatile, and more secure by providing additional key diversification, authentication and portability for advanced security and performance. Credentials are PUBLIC KEY.

Features and Benefits:
- Package of 50 cards, Minimum order of 100 cards (2 boxes)
- 13.56 MHz contactless smart card (iso standards for card printing); 2 k memory with 2 application areas
- Keyscan 36 bit public key format
- Will not work with Keyscan Elite Key high security format readers
- Read range may be reduced by 25% when using ISO cards

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iCLASS® SR Legacy Public Key Smart Fob

Part No: F2K2PSR36

iCLASS® legacy public key credentials are available as part of the iCLASS® access control platform. These iCLASS® legacy credentials makes access control more powerful, more versatile, and more secure by providing additional key diversification, authentication and portability for advanced security and performance. Credentials are PUBLIC KEY.

Features and Benefits:
- Package of 50 Fobs, Minimum order of 100 Fobs (2 boxes)
- Keyscan 36 bit public key format, will not work with Keyscan Elite Key high security format readers
- 13.56 MHz contactless smart Fob
- 2k memory with 2 application areas
- Read range may be reduced by 50% when using Fobs or tags

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Keyscan iCLASS® SE Legacy Public Key

Part No: T2K2PSR36

iCLASS® legacy public key credentials are available as part of the iCLASS® access control platform. These iCLASS® legacy credentials makes access control more powerful, more versatile, and more secure by providing additional key diversification, authentication and portability for advanced security and performance. Credentials are PUBLIC KEY.

Features and Benefits:
- Package of 50 adhesive back tags, Minimum order of 100 tags (2 boxes)
- 13.56MHz contactless smart tag
- 2k memory with 2 application areas
- Keyscan 36 bit format with public key.
- Will not work with Keyscan Elite Key high security format readers
- Read range may be reduced by 50% when using Fobs or tags

| Availability: Non Stock | Warranty: 1 Year | Lead Time: 20-25 Business Days | MSRP: $626.65 |
MultiCLASS® SE Reader Series

Keyscan MultiCLASS® R10 SE Reader
(dual frequency 13.56MHz & 125kHz)
Part No: KRP10SE

MultiCLASS® SE offers a secure, standards-based, and flexible platform that has become the new benchmark for highly adaptable inter-operable access control solutions. MultiCLASS® SE readers simplify transition projects from legacy technologies with support for 125 kHz proximity and provide customers the assurance that their existing investments can be leveraged to enhance their system as business requirements change. The technology independent readers also support iCLASS® Seos™ and iCLASS® SE credential platforms, as well as standard iCLASS®, MIFARE and other leading technologies.

Features and Benefits:
• Dual 13.56 MHz contactless & 125 kHz proximity card reader
• Mullion mount
• Up to 3” read range with Keyscan iCLASS® 2k credential
• For new iCLASS® installations only
• Not compatible with legacy Keyscan iCLASS® credentials

Availability: Non Stock  Warranty: C  Lead time: 20-25 Business days  MSRP: $477.60

Keyscan MultiCLASS® R40 SE Reader
(dual frequency 13.56MHz & 125kHz)
Part No: KRP40SE

MultiCLASS® SE offers a secure, standards-based, and flexible platform that has become the new benchmark for highly adaptable inter-operable access control solutions. MultiCLASS® SE readers simplify transition projects from legacy technologies with support for 125 kHz proximity and provide customers the assurance that their existing investments can be leveraged to enhance their system as business requirements change. The technology independent readers also support iCLASS® Seos™ and iCLASS® SE credential platforms, as well as standard iCLASS®, MIFARE and other leading technologies.

Features and Benefits:
• Dual 13.56 MHz contactless & 125 kHz proximity card reader
• Standard single gang mount
• Up to 4” read range with Keyscan iCLASS® 2k credential
• For new iCLASS® installations only
• Not compatible with legacy Keyscan iCLASS® credentials

Availability: Non Stock  Warranty: C  Lead time: 20-25 Business days  MSRP: $748.15
MultiCLASS® SE Legacy Reader Series

Keyscan MultiCLASS® R10 SE Legacy Reader
(dual frequency 13.56MHz & 125kHz)
**Part No:** KRP10L

MultiCLASS® SE Legacy platform offers a secure, standards-based, and flexible platform for interoperable access control solutions. MultiCLASS® SE Legacy readers simplify transition projects. They support 125 kHz proximity platform and provide customers the assurance that their existing system can be leveraged as technology changes. The readers also support iCLASS® Seos™ and iCLASS® SE credential platforms, as well as standard iCLASS®, MIFARE and other leading technologies.

**Features and Benefits:**
- Dual 13.56 MHz contactless & 125 kHz proximity card reader
- Mullion mount
- Up to 3” read range with Keyscan iCLASS® 2k credential
- Compatible with all legacy 13.56 MHz Keyscan iCLASS® & HID 125 kHz credentials and new iCLASS® SR credentials

| Availability: Non Stock | Warranty: C | Lead time: 20-25 Business days | US MSRP: $474.60 |

Keyscan MultiCLASS® R40 SE Legacy Reader
(dual frequency 13.56MHz & 125kHz)
**Part No:** KRP40L

MultiCLASS® SE Legacy platform offers a secure, standards-based, and flexible platform for interoperable access control solutions. MultiCLASS® SE Legacy readers simplify transition projects. They support 125 kHz proximity platform and provide customers the assurance that their existing system can be leveraged as technology changes. The readers also support iCLASS® Seos™ and iCLASS® SE credential platforms, as well as standard iCLASS®, MIFARE and other leading technologies.

**Features and Benefits:**
- Dual 13.56 MHz contactless & 125 kHz proximity card reader
- Standard single gang mount
- Up to 4” read range with Keyscan iCLASS® 2k credential
- Compatible with all legacy 13.56 MHz Keyscan iCLASS® and HID 125 kHz credentials and new iCLASS® SR credentials

HID 125kHz Reader Series

Prox Point +
Part No: HID-6005B

HID 125 kHz technology readers are reliable and trusted. They offer Wiegand protocol interface and are compatible with Keyscan access control systems. For equal performance at an optimal cost see Keyscan and Farpointe brand 125 kHz technology readers for use with Keyscan access control systems.

Features and Benefits:
• Entry level proximity reader
• 1-2” read range
• LED & beeper
• 12 VDC operation @ 60 mA
• For competitively priced alternatives see Keyscan and Farpointe 125 kHz readers such as P-300 or K-PROX3 (mullion)

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Mini Prox Reader
Part No: HID-5365

HID 125 kHz technology readers are reliable and trusted. They offer Wiegand protocol interface and are compatible with Keyscan access control systems. For equal performance at an optimal cost see Keyscan and Farpointe brand 125 kHz technology readers for use with Keyscan access control systems.

Features and Benefits:
• Slim line mullion mount
• 4-5” read range
• 12 VDC operation @ 160 mA
• For competitively priced alternatives see Keyscan and Farpointe 125 kHz readers such as P-620-H or Keyscan K-PROX3 (mullion)

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HID 125kHz Reader Series

Slim Line II Prox Reader

**Part No:** HID-5395

HID 125 kHz technology readers are reliable and trusted. They offer Wiegand protocol interface and are compatible with Keyscan access control systems. For equal performance at an optimal cost see Keyscan and Farpointe brand 125 kHz technology readers for use with Keyscan access control systems.

**Features and Benefits:**
- Wall switch size
- 4-5” read range
- 12 VDC operation @ 160 mA
- For competitively priced alternatives see Keyscan and Farpointe 125 kHz readers such as Keyscan K-PROX3

**Availability:** Stock  
**Warranty:** C  
**Lead time:** 4 Business days  
**MSRP:** $597.50

Prox Pro Reader

**Part No:** HID-5455

HID 125 kHz technology readers are reliable and trusted. They offer Wiegand protocol interface and are compatible with Keyscan access control systems. For equal performance at an optimal cost see Keyscan and Farpointe brand 125 kHz technology readers for use with Keyscan access control systems.

**Features and Benefits:**
- Replaces HID-5355 reader
- 8-9” read range
- 12 VDC operation
- Current draw nominal 25 mA peak 125 mA
- For competitively priced alternatives see Keyscan and Farpointe 125 kHz readers such as P-710-H

**Availability:** Stock  
**Warranty:** C  
**Lead time:** 4 Business days  
**MSRP:** $606.25
HID 125kHz Reader Series

Prox Pro Reader with Keypad

Part No: HID-5355KP

HID 125 kHz technology readers are reliable and trusted. They offer Wiegand protocol interface and are compatible with Keyscan access control systems.

Features and Benefits:
- 5-8" read range
- Comes with keypad and interface card
- 12 VDC operation @ 160 mA
- For Rev. 11 ACU and higher. If connecting to Rev. 10 or previous ACU panels will require optional May require interface board
- Keypad wiegand output with 4-bit word burst
- For competitively priced alternatives see Keyscan and Farpointe 125 kHz readers such as K-KPR or P-620-H

Availability: Stock  Warranty: C  Lead time: 4 Business days  MSRP: $1,049.20

NT Maxipro Long Range Reader

Part No: HID-5375

HID 125 kHz technology readers are reliable and trusted. They offer Wiegand protocol interface and are compatible with Keyscan access control systems.

Features and Benefits:
- 16-24" read range
- 24 VDC operation @ 1.7 amps
- For competitively priced alternatives see Keyscan and Farpointe 125 kHz readers such as P-900-H

Availability: Stock  Warranty: C  Lead time: 4 Business days  MSRP: $1,777.85
HID 125kHz Credential Series

Standard Prox Card
Part No: HID-C1325

These credentials are compatible with Keyscan access control systems and function with Keyscan K-PROX3, K-PROX2, K-KPR, K-VAN, Farpointe P-300, P-620-H, P-710-H and P-900-H readers as well as all HID 125 kHz technology readers.

Features and Benefits:
- Package of 50 cards
- 36 bit Keyscan proprietary format
- For competitively priced alternatives see Keyscan and Farpointe credentials such as CS-125

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Prox II Graphics Quality Card
Part No: HID-C1386

These credentials are compatible with Keyscan access control systems and function with Keyscan K-PROX3, K-PROX2, K-KPR, K-VAN, Farpointe P-300, P-620-H, P-710-H and P-900-H readers as well as all HID 125 kHz technology readers.

Features and Benefits:
- Package of 50 cards-Keyscan 36 bit format
- Read range may be reduced by 25% when using ISO cards
- These cards can be printed from edge-to-edge on both sides with some limitations
- Cards are glossy / polished finish on both sides for best quality dye sublimation printing
- For competitively priced alternatives see Keyscan and Farpointe credentials such as PSM-2P-H

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HID 125kHz Credential Series

HID Micro Proximity Adhesive Tag

Part No: HID-1391

These credentials are compatible with Keyscan access control systems and function with Keyscan K-PROX3, K-PROX2, K-KPR, K-VAN, Farpointe P-300, P-620-H, P-710-H and P-900-H readers as well as all HID 125 kHz technology readers.

Features and Benefits:
- Package of 50 tags
- Micro prox adhesive tag, cost effective way to get proximity technology for updating older card technologies in your system, also use for adding on to existing systems used for time and attendance
- Keyscan 36 bit format
- Read range may be reduced by 50% when using Fobs or tags
- For competitively priced alternatives see Keyscan and Farpointe credentials such as PDT-1-H

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HID Proximity Key FoB

Part No: PROXKEYIII

These credentials are compatible with Keyscan access control systems and function with Keyscan K-PROX3, K-PROX2, K-KPR, K-VAN, Farpointe P-300, P-620-H, P-710-H and P-900-H readers as well as all HID 125 kHz technology readers.

Features and Benefits:
- Package of 50 Fobs
- HID 125 kHz Fob
- Grey round insert
- Keyscan 36 bit format
- Read range may be reduced by 50% when using Fobs or tags
- For competitively priced alternatives see Keyscan and Farpointe credentials such as PSK-3-H

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Keyscan Indala 125 kHz Reader Series

Keyscan Indala Reader by Farpointe Data
(Keyscan 36 bit format)

Part No: MCR-30-H

Farpointe Data mullion mount Indala format proximity surface mount reader. Wiegand output. Reads the Keyscan 125 kHz 36-bit Indala format. A HID PX-603 replacement reader. Black. 18" (457.2 mm) – 9 conductor shielded cable pigtail. Two-piece design with snap-on cover to hide mounting screws. Weight is 3 oz (85 g). Product Listings: UL294, FCC, IC. Warranty: Limited Lifetime.

Features and Benefits:
• Slimline surface mullion mount reader
• Suitable for indoor/outdoor use
• Temperature threshold -40° F to 149° F (-40° C to + 65° C)
• Read range up to 3.5” (88 mm) with Clamshell card.
• 1.7” W x 3.2” H x 0.7” D (43 mm x 81 mm x 18 mm)
• 12 VDC voltage input @ 85 mA (maximum current draw)

Availability: Non Stock  Warranty: C  Lead time: 20-25 Business days  MSRP: $723.58

Keyscan Indala Reader by Farpointe Data
(Keyscan 36 bit format)

Part No: MCR-50-H

Farpointe Data single-gang mount Indala format proximity surface mount reader. Wiegand output. Reads the Keyscan 125 kHz 36-bit Indala format. A HID PX-605 replacement reader. Black. 18” (457.2 mm) – 9 conductor shielded cable pigtail. Two-piece design with snap-on cover to hide mounting screws. Weight is 4 oz (113 g). Product Listings: UL294, FCC, IC. Warranty: Limited Lifetime.

Features and Benefits:
• Standard single-gang surface mount reader
• Suitable for indoor/outdoor use
• Temperature threshold -40° F to 149° F (-40° C to + 65° C)
• Read range up to 7" (176 mm) with Clamshell card.
• 3” W x 4.6” H x 0.4” D (76 mm x 117 mm x 10 mm)
• 12 VDC voltage input @ 85 mA (maximum current draw)

Availability: Non Stock  Warranty: C  Lead time: 20-25 Business days  MSRP: $723.72
Keyscan Indala 125 kHz Reader Series

Keyscan Indala Reader by Farpointe Data
(Keyscan 36 bit format)

Part No: MCR-64-H

Farpointe Data single-gang mount Indala format proximity surface mount keypad reader. Dual reader and keypad. Wiegand output. Reads the Keyscan 125 kHz 36-bit Indala format. A HID PXK501 replacement reader. Black. 18” (457.2 mm) – 9 conductor shielded cable pigtail. Two-piece design with snap-on cover to hide mounting screws. Weight is 4 oz (113 g). Product Listings: UL294, FCC, IC. Warranty: Limited Lifetime.

Features and Benefits:
- Standard single-gang surface mount Keypad reader
- Suitable for indoor/outdoor use
- Temperature threshold -40° F to 149° F (-40° C to + 65° C)
- Read range up to 7” (176 mm) with Clamshell card.
- 3” W x 4.6” H x 0.75” D (76 mm x 117 mm x 19 mm)
- 12 VDC voltage input @ 125 mA (maximum current draw)
- Keyscan Indala 36-bit format

Availability: Non Stock
Warranty: C
Lead time: 20-25 Business days
MSRP: $1,426.17
Keyscan Indala 125kHz Reader Series

Keyscan Indala Proximity Reader
(Keyscan 36 bit format)
**Part No:** PX-603

Keyscan Indala proximity readers deliver outstanding and consistent performance with intelligent programming technology and uniform core modules. The readers are 125 kHz technology and programmed to function in Keyscan 36 bit format. Keyscan Indala readers also feature FlexSecur® technology, which provides an added level of access control system security through a verification process at the reader.

**Features and Benefits:**
- Slimline reader
- Suitable for indoor/outdoor use
- Temperature threshold -35°C to 65°C
- Read range maximum 4-5”
- 4.5”H x 1.72”W x 0.85”D
- 12VDC operation @ 100 mA
- Keyscan 36 bit format

| Availability: Stock | Warranty: C | Lead time: 4 Business days | **MSRP:** $723.58 |

Keyscan Indala Proximity Reader
(Keyscan 36 bit format)
**Part No:** PX-605

Keyscan Indala proximity readers deliver outstanding and consistent performance with intelligent programming technology and uniform core modules. The readers are 125 kHz technology and programmed to function in Keyscan 36 bit format. Keyscan Indala readers also feature FlexSecur® technology, which provides an added level of access control system security through a verification process at the reader.

**Features and Benefits:**
- Wall switch size reader
- Suitable for indoor/outdoor use
- Temperature threshold -35°C to 65°C
- Read range maximum 4-5”
- 4.5”H x 2.99”W x 0.85”D
- 12VDC operation @ 100 mA
- Keyscan 36 bit format

| Availability: Stock | Warranty: C | Lead time: 4 Business days | **MSRP:** $723.72 |
Keyscan Indala 125kHz Reader Series

Keyscan Indala Proximity Reader
(Keyscan 36 bit format)
Part No: PX-610

Keyscan Indala proximity readers deliver outstanding and consistent performance with intelligent programming technology and uniform core modules. The readers are 125 kHz technology and programmed to function in Keyscan 36 bit format. Keyscan Indala readers also feature FlexSecur® technology, which provides an added level of access control system security through a verification process at the reader.

Features and Benefits:
• Master prox reader
• Suitable for indoor/outdoor use
• Temperature threshold -35°C to 65°C
• Read range maximum 8-12” (read range may vary due to environmental conditions)
• Dimensions 5.1”H x 6.1”W x 1.1”D
• 12VDC operations @150 mA
• Keyscan 36 bit format

Availability: Stock Warranty: C Lead time: 4 Business days MSRP: $1,036.74

Keyscan Indala Proximity Reader
(Keyscan 36 bit format)
Part No: PX-620

Keyscan Indala proximity readers deliver outstanding and consistent performance with intelligent programming technology and uniform core modules. The readers are 125 kHz technology and programmed to function in Keyscan 36 bit format. Keyscan Indala readers also feature FlexSecur® technology, which provides an added level of access control system security through a verification process at the reader.

Features and Benefits:
• Long range proximity reader
• Suitable for indoor/outdoor use
• Temperature threshold -35°C to 65°C
• Read range maximum 24”-28” (read range may vary due to environmental conditions)
• Dimensions 11.2”H x 11.2”W x 1.8”D
• 12-24VCD operation @ 1.2 amps
• Keyscan 36 bit format

Availability: Stock Warranty: C Lead time: 4 Business days MSRP: $2,828.46
Keyscan Indala 125kHz Reader Series

Keyscan Indala Proximity Keypad Reader
(Keyscan 36 bit format)
Part No: PX-K501

Keyscan Indala proximity readers deliver outstanding and consistent performance with intelligent programming technology and uniform core modules. The readers are 125 kHz technology and programmed to function in Keyscan 36 bit format. Keyscan Indala readers also feature FlexSecur® technology, which provides an added level of access control system security through a verification process at the reader.

Features and Benefits:
- Combination keypad/proximity reader 3 x 4 matrix (8 bit burst)
- Wall switch size reader (black). Fits on standard single gang electrical box indoor/outdoor
- Keyscan 36 bit format
- Read range maximum 4"
- 12VDC operation @ 70 mA; Keypad wiegand output signal of 8-bit word burst
- For Rev. 11 ACU. If connecting to Rev. 10 or previous ACU panels will require optional KKI-K501 interface board

| Availability: Stock | Warranty: C | Lead time: 4 Business days | MSRP: $1,426.17 |
Keyscan Indala 125kHz Credential Series

Keyscan Indala Proximity Card
Part No: PX-C1

Indala standard clamshell card features beveled edges, and can accept photo-flap and direct-print adhesive-backed ID badge overlays. It can be used interchangeably with other Indala credentials on most Keyscan systems. This credential is available in Keyscan 36 bit format only.

Features and Benefits:
• Package of 50 cards
• Credit card size 3.4” L x 2.2” W x 0.11” D
• Keyscan 36 bit format

Availability: Stock  Warranty: C  Lead time: 4 Business days  MSRP: $431.35

Keyscan Indala Proximity Key Tag
Part No: PXKEY

The rugged HID Indala FlexKey® is suited for a variety of applications and environments. These include vacation resorts, locker rooms, health spas, apartment buildings, clubhouses, as well as commercial offices where photo IDs are not required. This tag is available in Keyscan 36 bit format only.

Features and Benefits:
• Package of 50 tags, blue in colour
• Read range may be reduced by 50% when using Fobs or tags
• Keyscan 36 bit format

Availability: Stock  Warranty: C  Lead time: 4 Business days  MSRP: $795.08
Keyscan Indala 125kHz Credential Series

Keyscan Indala Micro Proximity Adhesive Tag

**Part No:** PX-STKTAG

The MicroProx Tag provides the convenience of Indala's proximity technology in a small disk-shaped transponder. Simply attach the adhesive-backed Tag to any nonmetallic card or device, and you instantly have a proximity card. Easily and cost-effectively turn a plastic ID badge or even adhere to the back of your mobile phone to turn into a proximity credential.

**Features and Benefits:**
- Package of 50 tags (minimum purchase 100 tags)
- Micro prox adhesive tag, cost effective way to get proximity technology for updating older card technologies in your system
- Keyscan 36 bit format
- Read range may be reduced by 50% when using Fobs or tags

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Keyscan Indala Photo Imaging Proximity Card

**Part No:** PX-ISO30

Indala FPISO card is ISO compliant with a thickness of 0.03 inches (0.76 mm). The Indala FPISO card can be used interchangeably with other Indala credentials on most systems. Digital photographs and graphics can be printed directly over the front surface by using a dye sublimation printer. Bar codes can also be imaged onto the card for systems tracking.

**Features and Benefits:**
- Package of 50 cards
- Photo imaging available for both sides
- Read range may be reduced by 25% when using ISO cards
- Keyscan 36 bit format

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dormakaba Integration Firmware

dormakaba/Aurora Integration ACU Firmware
Part No: CF10004

For dormakaba Multihousing or Lodging applications integrating with Keyscan systems. PC1097 ACU System and Reader firmware for use with SRK series readers to be able to read dormakaba’s lodging and multihousing credential format. Works with PC1097-CA250, CA6500 and CA8500 ACU’s. Also Supports PC1097 EC1500 and EC2500 elevator floor controllers.

Not sold through Distribution.

**Require ACU System Serial # at time of order unless ordered with ACU’s on same order.

Features and Benefits:
• For use with SRK series of readers integrate with dormakaba Lodging and Multihousing applications.
• Purchase directly from dormakaba. Not available through distribution.
• Will also function with Keyscan EC1500 and EC2500 elevator floor control panels.

Availability: Non Stock  Warranty: M  Lead time: 4 Business days  CAN: MSRP: Call for pricing

dormakaba/Aurora Integration
(CA150 firmware)
Part No: CF10010

For dormakaba Multihousing or Lodging applications integrating with Keyscan systems. PC1156 CA150 ACU System and Reader firmware for use with SRK series readers to be able to read dormakaba’s lodging and multihousing credential format.

For CA150 controllers only. Not sold through Distribution.

**Require ACU System Serial # at time of order unless ordered with ACU’s on same order.

Features and Benefits:
• For use with SRK series of readers to integrate with dormakaba Lodging and Multihousing applications.
• Purchase directly from dormakaba. Not available through distribution.

Availability: Non Stock  Warranty: M  Lead time: 4 Business days  CAN: MSRP: Call for pricing
**dormakaba Integration Software**

**dormakaba/Aurora Integration Software**

**Part No:** AURORA-S

For dormakaba Multihousing or Lodging applications integrating with Keyscan systems. Basic Aurora software with required synchronization software for integration with dormakaba's System 6000 (sold by dormakaba Lodging) and Community (sold by dormakaba Multihousing).

Comes with both standard Aurora and SDK licenses, Aurora programming details and limited telephone technical support.

For Lodging integration, requires Aurora Sync V 2.1 or higher and System 6000 V 5.6.0.0. For Multihousing integration requires Aurora Sync V 2.1 or higher and Community V 1.xxx.

Not sold through Distribution.

ACU’s require System/Reader firmware CF10004 or CF10010 and SRK series readers.

**Support includes telephone/email technical support of up to four (4) events of up to fifteen (15) minutes duration for each event. Technical support that is unused shall expire after thirty (30) days from the date of first event or after six (6) months from date of purchase. For additional support see item # AURSAFA.**

**Features and Benefits:**

- For integration with dormakaba Lodging or Multihousing applications using System 6000 or Community softwares.
- Purchase directly from dormakaba. Not available through distribution

<table>
<thead>
<tr>
<th>Availability</th>
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<th>MSRP</th>
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<tbody>
<tr>
<td>Stock</td>
<td>1</td>
<td>4 Business days</td>
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dormakaba SRK Readers

dormakaba Clear Recessed Mount Reader
(Keyscan integrations with multihousing/lodging - non BLE)
**Part No:** SRK-RCFN0

For dormakaba Multihousing or Lodging applications integrating with Keyscan systems. This reader would be used if embedding inside a turnstile behind plastic. Includes removable metal mounting brackets. Reads dormakaba lodging and multihousing credential format. Wiegand standard output. Terminal strip connection on back of reader. Requires CF10004 or CF10010 ACU reader firmware. Works with CA150, CA250, CA4500 and CA8500 access control units and EC1500 and EC2500 elevator floor control units. Powered by 12 Vdc @ 200 mA. Standard 500’ maximum distance with 6-Conductor reader cable.

**Features and Benefits:**
- For recessed mounting applications
- Wiegand reader that reads dormakaba lodging and multihousing credential format
- Requires CF10004 or CF10010 ACU firmware
- Must be purchased from dormakaba; not available through distribution

**Availability:** Non Stock  
**Warranty:** A  
**Lead time:** 6 weeks  
**MSRP:** Call for pricing

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dormakaba Black Flush Mount Reader
(Keyscan integrations with multihousing/lodging - non BLE)
**Part No:** SRK-RNFC0

For dormakaba Multihousing or Lodging applications integrating with Keyscan systems. Flush mount reader. Includes reader, stainless steel plate and wall plate retainer. Reads dormakaba lodging and multihousing credential format. Wiegand standard output. Terminal strip connection on back of reader. Requires CF10004 or CF10010 ACU reader firmware. Works with CA150, CA250, CA4500 and CA8500 access control units and EC1500 and EC2500 elevator floor control units. Powered by 12 Vdc @ 200 mA. Standard 500’ maximum distance with 6-Conductor reader cable.

**Features and Benefits:**
- Flush mount wall reader
- Wiegand reader that reads dormakaba lodging and multihousing credential format
- Requires CF10004 or CF10010 ACU firmware
- For flush mounting wall applications
- Must be purchased from dormakaba; not available through distribution

**Availability:** Non Stock  
**Warranty:** A  
**Lead time:** 6 weeks  
**MSRP:** Call for pricing
dormakaba SRK Readers

For dormakaba Multihousing or Lodging applications integrating with Keyscan systems. Surface mount reader. Includes reader and rear mounting plate. Reads the dormakaba lodging and multihousing credential format. Wiegand standard output. Terminal strip connection on back of reader. Requires CF10004 or CF10010 ACU reader firmware. Works with CA150, CA250, CA4500 and CA8500 access control units and EC1500 and EC2500 elevator floor control units. Powered by 12 Vdc @ 200 mA. Standard 500’ maximum distance with 6-Conductor reader cable. Not available through distribution, must be purchased direct from dormakaba.

Features and Benefits:
- Surface mount reader
- Wiegand reader that reads the dormakaba lodging and multihousing credential format
- Requires CF10004 or CF10010 ACU firmware
- Must be purchased from dormakaba, not available through distribution

Availability: Non Stock  Warranty: A  Lead time: 6 weeks  MSRP: Call for pricing
dormakaba SRK Readers

dormakaba Clear Recessed Mount Reader
(Keyscan integrations with multihousing/lodging - BLE)

Part No: SRK-RCFN2

For dormakaba Multihousing or Lodging applications integrating with Keyscan systems. This clear recessed reader would be used if embedding inside a turnstile behind plastic. Includes removable metal mounting brackets and BLE Module. Reads the dormakaba lodging and multihousing credential format and Blue Sky BLE App. Wiegand standard output. Terminal strip connection on back of reader. Requires CF10004 or CF10010 ACU reader firmware. Works with CA150, CA250, CA4500 & CA8500 ACU’s and EC1500 & EC2500 elevator controls. Powered by 12VDC @ 200 mA. Standard 500’ maximum distance with 6-Conductor reader cable.

Programmed with Blue Sky Sales BLE Demo Site code as default. This BLE reader will require onsite programming of customers BLE site code in each BLE reader before use by customer. Requires HH6 programmer and 71800 programming cable. Programming done by Multihousing or Lodging technical staff.

Not available through distribution, must be purchased direct from dormakaba.

Features and Benefits:
• For recessed mounting applications
• Reads dormakaba lodging and multihousing credential format and BLE App
• Wiegand reader
• Requires CF10004 or CF10010 ACU firmware
• Must be purchased from dormakaba; not available through distribution

Availability: Non Stock
Warranty: A
Lead time: 6 weeks
MSRP: Call for pricing

---

dormakaba Black Flush Mount Reader
(Keyscan integrations with multihousing/lodging - BLE)

Part No: SRK-RNFC2

For dormakaba Multihousing or Lodging applications integrating with Keyscan systems. Flush mount reader. Includes reader, stainless steel plate, BLE module and wall plate retainer. Reads the physical dormakaba lodging and multihousing credential format and BLE App. Wiegand standard output. Terminal strip connection on back of reader. Requires CF10004 or CF10010 ACU reader firmware. Works with CA150, CA250, CA4500 and CA8500 access control units and EC1500 and EC2500 elevator floor control units. Powered by 12 Vdc @ 200 mA. Standard 500’ maximum distance with 6-Conductor reader cable.

Programmed with Blue Sky Sales BLE Demo Site code as default. This BLE reader will require onsite programming of customers BLE site code in each BLE reader before use by customer. Requires HH6 programmer and 71800 programming cable. Programming done by Multihousing or Lodging technical staff.

Not available through distribution, must be purchased direct from dormakaba.

Features and Benefits:
• For flush mounting applications
• Reads dormakaba lodging and multihousing credential format and BLE App
• Wiegand reader
• Requires CF10004 or CF10010 ACU firmware
• Must be purchased from dormakaba; not available through distribution

Availability: Non Stock
Warranty: A
Lead time: 6 weeks
MSRP: Call for pricing
For dormakaba Multihousing or Lodging applications integrating with Keyscan systems. Surface mount reader. Includes reader and combined BLE module and rear mounting plate. Reads the physical dormakaba lodging and multihousing credential format and BlueSky BLE app. Wiegand standard output. Terminal strip connection on back of reader. Requires CF10004 or CF10010 ACU reader firmware. Works with CA150, CA250, CA4500 and CA8500 access control units and EC1500 and EC2500 elevator floor control units. Powered by 12 Vdc @ 200 mA. Standard 500' maximum distance with 6-Conductor reader cable.

Programmed with Blue Sky Sales BLE Demo Site code as default. This BLE reader will require on-site programming of customers BLE site code in each BLE reader before use by customer. Requires HH6 programmer and 71800 programming cable. Programming done by Multihousing or Lodging technical staff.

Not available through distribution, must be purchased direct from dormakaba.

Features and Benefits:
- For Surface mount applications
- Reads dormakaba lodging and multihousing 17 byte physical credential format and BLE App.
- Wiegand reader that reads the dormakaba lodging and multihousing credential format
- Requires CF10004 or CF10010 ACU firmware
- Must be purchased from dormakaba; not available through distribution

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Keyscan Telephone Entry Interface

(Enterphone)

**Part No:** VIS100-ENT

This part allows you to interface the Enterphone entry and access control solution with your Keyscan access control system. The system allows a single-point interface for property managers to control visitor access to residential, corporate or industrial locations.

**Features and Benefits:**
- Viscount Enterphone 2000, Elektra, Axess & Crusader

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Keyscan Telephone Entry Interface

(SES)

**Part No:** VIS100-SES

This part allows you to interface the SES Tec and Cat entry and access control solution with your Keyscan access control system. The system allows a single-point interface for property managers to control visitor access to residential, corporate or industrial locations.

**Features and Benefits:**
- SES Tec & Cat display entry system, the SES system requires the use of SES’s OPTKPTR to give RS232 output

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<td>A</td>
<td>4 Business days</td>
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</table>
Keyscan Telephone Entry Interface

This part allows you to interface the Sentex infinity entry system solution with your Keyscan access control system. The system allows a single-point interface for property managers to control visitor access to residential, corporate or industrial locations.

Features and Benefits:
- Sentex infinity entry system, be sure that the Sentex panel has the two com ports (A&B).
- We use com port B

| Availability: Non Stock | Warranty: A | Lead time: 4 Business days | MSRP: $505.00 |
**Keyscan Miscellaneous Equipment**

**Keyscan Wiegand Communications Line Extender**  
**Part No:** WIEEX2

When circumstances dictate a long cable run between control panel and reader, exceeding 500 feet, rely on the Keyscan WIEEX2 wiegand extender. This interface converts the Wiegand signal to standard RS485 providing a communication range of up to 4000 feet between WIEEX2 receiver and WIEEX2 transmitter while using standard CAT5 cable between units.

**Features and Benefits:**
- Converts wiegand to RS-485 then to wiegand
- 2 modules included 1 for reader and 1 for ACU
- Maximum distance 4000’ on 2 wires (CAT5)
- 12VDC @ 50 mA required for each unit
- Supports Present3 feature as well as 26 bit to 80 bit wiegand
- Supports baud rates of 19,200 and 9600 baud

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**Replacement Plug-in 12VDC Transformer**  
**Part No:** PS1225

The PS1225 is a replacement 12VDC plug-in switching transformer for the SDACSKT (SDAC Kit). Plugs into standard 120 Vac outlet and provides up to 2.5 amps. Has 60” of 18 Gauge cable for mounting close to SDAC control. Has 2.1 mm barrel power connector. Center positive. For replacement of transformer provided in the SDACSKT. C/UL/US Listed Black Colour

**Features and Benefits:**
- 120 VAC Input with 12 VDC output at 2.5 amps (30W)
- 60” cable with 2.1mm power connector

| Availability: Non Stock | Warranty: B | Lead time: 7 Business days | MSRP: $70.00 |
Keyscan Miscellaneous Equipment

Keyscan 12VDC Dual Power Supply Board

**Part No:** DPS-15

The Keyscan DPS-15 is a dual-linear DC power supply with two outputs for ACU-12VDC at 1.2 Amperes and AUX/RDR-12VDC at 1.2 Amperes.

**Features and Benefits:**
- Input: 2x 16 VAC 40 VA transformers required
- Output: 2 x 12v DC 1.2 Amp. (one for panel & one for proximity readers)
- Low battery cut off/fused
- Blue circuit board (PC110x)

<table>
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Data Cable

**Part No:** 40-2322

This data cable is designed to allow easy interface and network between your Keyscan system and a local PC.

**Features and Benefits:**
- To interface controller network to PC
- 9 pin connector

| Availability: Stock | Warranty: M | Lead time: 4 Business days | MSRP: $5 771 |
Keyscan Miscellaneous Equipment

Keyscan Metal Enclosure
Part No: PNLBOX3

Empty control box for access control units or other modules.

Features and Benefits:
• New black metal enclosure (22" H x 16" W x 6.25" D)
• Complete with lock and key assembly & mounting hardware
• Does not have CE or UL294 approval labels inside door

Keyscan Panel Lock with Keys
Part No: DLK

The DLK is a replacement kit featuring a new panel lock and keys designed to replace existing lock mechanism on your Keyscan panel and/or module enclosure.

Features and Benefits:
• Replacement panel lock and keys (complete with panel door lock & 2 keys)
• Note: if you need only keys you still need to order the complete lock set
Keyscan Miscellaneous Equipment

Keyscan LUNA SDAC Replacement Antenna

**Part No:** SDRA

Your Keyscan LUNA SDAC communicates via wifi through an antenna. This replacement SDAC antenna is approved and guaranteed to function with your Keyscan LUNA SDAC. Any other antenna purchased from any source may cause damage, unintended results or may not functional at all and will void your SDAC warranty.

**Features and Benefits:**
- Approved and guaranteed replacement antenna for your SDAC
- Quick and easy to install
- Will function with SDAC or SDACS KT (Smart kit) access control units

| Availability: Stock | Warranty: 1H | Lead time: 4 Business days | MSRP: $35.04 |
PowerPlex Keyless Locksets

PowerPlex Self-Powered Lock

**Part No:** P2031KK

PowerPlex is a self-powered, electronic PIN push button lock that uses patented super-capacitor technology in place of batteries or external power sources to power the door lock, making it a cost-effective access control solution for stand-alone applications.

**Features and Benefits:**
- Events can be reviewed with optional software, IR device and connection cable
- 2 3/4 backset, key-in-lever, cylindrical cylinder, key override, satin chrome (26d) finish, lever-long
- Key cylinder included
- 100 users

| Availability: Stock | Warranty: D | Lead time: 20-25 Business days | **MSRP:** $913.82 |

Self-Powered Lock - No Cylinder (Best)

**Part No:** P2031KB

PowerPlex is a self-powered, electronic PIN push button lock that uses patented super-capacitor technology in place of batteries or external power sources to power the door lock, making it a cost-effective access control solution for stand-alone applications.

**Features and Benefits:**
- Events can be reviewed with optional software, IR device and connection cable
- 2 3/4 backset, key-in-lever, cylindrical cylinder, key override, satin chrome (26d) finish, lever-long
- Key cylinder included

| Availability: Stock | Warranty: D | Lead time: 4 Business days | **MSRP:** $913.82 |
E-Plex/PowerPlex Enterprise Software

E-Plex Standard Software Kit

**Part No:** EPSTDSW

E-Plex software kit is designed for programming and retrieving transactions from the PowerPlex lock.

**Features and Benefits:**
- Basic software for programming and retrieving transactions
- From the PowerPlex 2000 lock. Kit includes CD, USB drive, IRDA device, USB extension cable and USB lock power cable. Ideal for laptop or full Tablet.
- Requires MS Excel software (V 2003, 2007 or 2010)
- Check www.dormakaba.us for PC & OS specifications

| Availability: Non Stock | Warranty: K | Lead time: 20-25 Business days | MSRP: $1,183.14 |
Aurora Software Database Password Reset

**Part No:** RESET

This service is available to anyone who has lost or forgotten the password to access the Keyscan database. Charge is per database.

This item is a fixed price.

**Features and Benefits:**
- To reset the main password in Keyscan database when main password has been lost
- Charge is per database
- Purchase direct from dormakaba Canada

| Lead time: | 4 Business days | MSRP: | $432.86 |

Keyscan Extended Telephone Support

**Part No:** TEL-SUPPORT

This service is available for any anyone who requires extended telephone support for System VII and Keyscan Aurora software. Charge is per hour or part thereof payable by credit card (Visa or Mastercard). American Express cards are not accepted.

This item is a flat-rate fixed price.

**Features and Benefits:**
- For System VII and Keyscan Aurora only
- Extended telephone support
- Charge is per hour or part thereof payable by credit card (Visa or Mastercard)
- AMEX cards are not accepted
- System III and System V telephone support is discontinued
- Purchase direct from dormakaba Canada

| Lead time: | 4 Business days | MSRP: | $432.86 |
Services

Saflok / Aurora Technical Support
(Additional hours)
Part No: AURSAFA

Additional limited DEALER telephone/email technical support package. Maximum of four (4) events of up to fifteen (15) minutes duration for each event. Technical support that is unused shall expire after thirty (30) days from the date of first event or after six (6) months from date of purchase.

Not available through Distribution.

Purchase directly from dormakaba Canada on account or by credit card (Mastercard or VISA).

Features and Benefits:
• Additional Four Event Telephone/Email Technical support with Saflok Integration.
• Required if main support included with AURORA-S is expired

| Availability: 9 am - 6:30 pm ET | MSRP: $476.14 |

Legacy Software Technical Support
(Premium Rate - System VII & Vantage)
Part No: TEL-SVIISSI

This service is now available for anyone who requires Keyscan System VII or Vantage (enterprise partner only) technical support.

This is designed for incidental support tickets and is designed for one-off technical support calls.

Support is billed in 15 minute increments

| Availability: 9 am - 6:30 pm ET | MSRP: $50.00 per 15 mins |
Services

Legacy Software Technical Support
(Prepay schedule - System VII & Vantage)
Part No: TEL-SVIISSA

System VII and Vantage now discontinued.
All technical support requirements refer to TEL-SVISSI.

Availability: Refer to TEL-SVISSI

Legacy Software Re-Registration
(System VII & Vantage software)
Part No: TEL-REREGL

This service is available for any user who requires Keyscan Legacy System VII or Vantage software re-registration.

Charge is per registration and payable by credit card (Visa or Mastercard only)
dormakaba Canada strongly recommends making back up files for all functioning legacy software installations.

This back up file will carry forward the registration in the event a reinstall is required.

Availability: 9 am - 6:30 pm ET
MSRP: $100.00
Replacement 2-Reader Control Panels

2 Reader Access Control Board

**Part No:** CA250B

The Keyscan CA250B is an access control panel only. It is available to replace non-functioning CA250 access control panels.

**Features and Benefits:**
- Replacement PC109x two reader/door ACU board to replace existing rev. 10 or rev. 11 boards
- Functions with Aurora or System VII software.
- Will not work with System III or System V software

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<td>4 Business days</td>
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2 Reader Access Control Board

(90k credential capacity)

**Part No:** CA250BM

The Keyscan CA250BM is a control panel only. It is available to replace non-functioning CA250M access control panels.

**Features and Benefits:**
- Replacement PC109x two reader/door ACU board only-90k credential capacity
- For use with Aurora software only

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</table>
Replacement 4-Reader Control Panels

4 Reader Access Control Board

Part No: CA4500B

The Keyscan CA4500B is a access control panel only. It is available to replace non-functioning CA4500 access control panels.

Features and Benefits:
• Replacement PC109x four reader/door ACU board to replace existing rev. 10 or rev. 11 boards
• Functions with Aurora or System VII software.
• Will not work with System III or System V software

Availability: Stock  Warranty: A  Lead time: 4 Business days  MSRP: $2,957.86

4 Reader Access Control Board

(90k credential capacity)

Part No: CA4500BM

The Keyscan CA4500BM is a access control panel only. It is available to replace non-functioning CA4500M access control panels.

Features and Benefits:
• Replacement PC109x four reader/door ACU board only-90k credential capacity
• For use with Aurora software only

Availability: Non Stock  Warranty: A  Lead time: 14-16 Weeks  MSRP: $3,425.34
Replacement 8-Reader Control Panels

8 Reader Access Control Board

Part No: CA8500B

The Keyscan CA8500B is an access control panel only. It is available to replace non-functioning CA8500 access control panels.

Features and Benefits:
- Replacement PC109x eight reader/door ACU board to replace existing rev. 10 or rev. 11 boards
- Functions with Aurora or System VII software.
- Will not work with System III or System V software

| Availability: Stock | Warranty: A | Lead time: 4 Business days | MSRP: $5,683.36 |

8 Reader Access Control Board
(90k credential capacity)

Part No: CA8500BM

The Keyscan CA8500BM is an access control panel only. It is available to replace non-functioning CA8500M access control panels.

Features and Benefits:
- Replacement PC109x eight reader/door ACU board only-90k credential capacity
- For use with Aurora software only

| Availability: Non Stock | Warranty: A | Lead time: 14-16 Weeks | MSRP: $5,875.31 |
Replacement 1-Cab Floor Control Panels

1 Reader Elevator Floor Control Board
Part No: EC1500B

The Keyscan EC1500B is an elevator floor access control panel only. It is available to replace non-functioning EC1500 access control panels.

Features and Benefits:
• Replacement PC109x one reader elevator ACU board
• Functions with Aurora or System VII software.
• Will not work with System III or System V software
• 32,000 credential holders with System VII and 45,000 credential holders with Aurora

Availability: Stock  Warranty: A  Lead time: 4 Business days  MSRP: $3,982.29

1 Reader Elevator Floor Control Board (90k credential capacity)
Part No: EC1500BM

The Keyscan EC1500BM is an elevator floor access control panel only. It is available to replace non-functioning EC1500M access control panels.

Features and Benefits:
• Replacement PC109x one reader elevator ACU board only
• For use with Aurora software only.
• Up to 90,000 credential holders with Aurora

Availability: Non Stock  Warranty: A  Lead time: 14-16 Weeks  MSRP: $4,449.77
Replacement 2-Cab Floor Control Panels

2 Reader Elevator Floor Control Board

**Part No:** EC2500B

The Keyscan EC2500B is an elevator floor access control panel only. It is available to replace non-functioning EC2500 access control panels.

**Features and Benefits:**

- Replacement PC109x two reader elevator ACU board
- Functions with Aurora or System VII software.
- Will not work with System III or System V software
- 32,000 credential holders with System VII and 45,000 credential holders with Aurora

**Availability:** Stock  
**Warranty:** A  
**Lead time:** 4 Business days  
**MSRP:** $4,559.43

1 Reader Elevator Floor Control Board

(90k credential capacity)

**Part No:** EC2500BM

The Keyscan EC2500BM is an elevator floor access control panel only. It is available to replace non-functioning EC2500M access control panels.

**Features and Benefits:**

- Replacement PC109x two reader elevator ACU board only
- For use with Aurora software only.
- Up to 90,000 credential holders with Aurora

**Availability:** Non Stock  
**Warranty:** A  
**Lead time:** 14-16 Weeks  
**MSRP:** $5,073.09
Replacement CIM-Link Board

Keyscan Replacement CIM-Link Board

Part No: CIM-LINKB

The CIM-LinkB is a replacement TCP/IP companion module designed to replace a non-functioning CIM-Link.

Features and Benefits:
• This is a replacement board only for the CIM-Link kit
• Includes one CIM-LinkB board & one ribbon cable

Availability: Non Stock  Warranty: A  Lead time: 4 Business days  MSRP: $533.86
Keyscan ACU & ECU Firmware Upgrade

Keyscan ACU/ECU System Firmware Upgrade

**Part No:** FWSACU

ACU/ECU Firmware upgrade to highest supported version supported by board type PC1095 or PC1097. ACU/ECU System Serial Number will be required as this is a custom serialized chip. Will require the Blue Board Three Letter and four number serial number. We recommend you also provide the board model type (eg. CA8500) for firmware validation.

This part replaces: FWS2595; FWS4595; FWS8595; FWSE195; FWSE295; FWS2597; FWS4597; FWS8597; FWSE197; FWSE297; and FWSC157.

**Features and Benefits:**
- Must specify ACU/ECU board serial # (Four Letter-Four Number) to order.
- Single Chip, Chip extractor tool & installation documentation
- Works with Blue PC1095 & PC1097 ACU/ECU boards.
- Will be to highest version supported by the board type.
- As custom serialized chip, No Credits and No Returns will be accepted.

| Availability: Non Stock | Warranty: M | Lead time: 4 Business days | **MSRP:** $303.00 |
Keyscan ACU & ECU Firmware Upgrade

I/O firmware Update for PC 1091-1095 Boards

**Part No:** FWIOA95

Single input/output firmware replacement for all PC1091 to PC1095 ACU boards. Contact dormakaba Canada before ordering this or any firmware part.

This single firmware part replaces former part numbers:
FWI2595, FWI4595, FWI8595, FWIE195, FWIE295.

**Features and Benefits:**
- Single input/output firmware replacement for all PC109X – PC1095 ACU boards
- Functions on CA250B, CA4500B, CA8500B, EC1500B and EC2500B
- **Must call Keyscan before ordering this part number**

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I/O firmware Update for PC 1097 Boards

**Part No:** FWIOA97

Single input/output firmware replacement for all PC1097 or higher ACU boards. Contact dormakaba Canada before ordering this or any firmware part.

This single firmware part replaces former part numbers:
FWI2597, FWI4597, FWI8597, FWIE197, FWIE297.

**Features and Benefits:**
- Input/output firmware replacement for PC1097/higher ACU boards
- Functions on CA250B, CA4500B, CA8500B, EC1500B and EC2500B
- **Must call Keyscan before ordering this part number**

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<td>Per order</td>
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Keyscan ACU & ECU Firmware Upgrade

Single Reader Firmware 1091-1095 Boards

**Part No:** FWRAA95

Single reader firmware replacement for all PC1091 to PC1095 ACU boards. Only one chip is needed to support CA250B, CA4500B, CA8500B, EC1500B and EC2500B (PC1091-1095) access control panels. Now available in single chip pack.

Contact dormakaba Canada before ordering this or any firmware part.

This single firmware part replaces former part numbers: FWR2595, FWR4595, FWR8595, FWRE195, FWRE295.

**Features and Benefits:**
- Single reader firmware replacement for all PC1091-1095 ACU boards
- Designed for CA250B, CA4500B, CA8500B, EC1500B and EC2500B
- **Must call Keyscan before ordering this part number**

<table>
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Single Reader Firmware 1097 (higher) Boards

**Part No:** FWRAA97

Single reader firmware replacement for all PC1097 or higher ACU boards. Only one chip is needed to support CA250B, CA4500B, CA8500B, EC1500B and EC2500B (PC1097 or higher) access control panels. Now available in single chip pack.

Contact dormakaba Canada before ordering this or any firmware part.

This single firmware part replaces former part numbers: FWR2597, FWR4597, FWR8597, FWRE197, FWRE297.

**Features and Benefits:**
- Single reader firmware replacement for all PC1097 or higher ACU boards
- Designed for CA250B, CA4500B, CA8500B, EC1500B and EC2500B
- **Must call Keyscan before ordering this part number**

<table>
<thead>
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<th>Lead time</th>
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<tr>
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Keyscan Enterprise Program Products/software

These products are available direct to Enterprise Partners Not available through distribution.

Effective January 2020
Keyscan Aurora Enterprise Edition

Aurora Enterprise Edition Activation License

Part No: EAUR-EE-SW

The Aurora software features optional licensed and add-on modules for enhanced integration and overall system functionality. This module is available for Enterprise dealers only. This license number activates Aurora Enterprise Edition. To activate Enterprise optional licensed module for use, register the module’s license number provided when you purchase the module.

Available direct to Enterprise Partners only. Not available through distribution.

Features and Benefits:
- Available to Enterprise Dealers only
- Contact us for AUR-EE-SW serial numbers to activate Aurora Enterprise Edition and all its features including competitor lock out, custom dealer branding, added user groups and more
- No charge for this module
- Serial number emailed
- Available to Enterprise Partners only. Not available through distribution

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<th>Availability: Stock</th>
<th>Warranty: K</th>
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<th>MSRP: No Charge</th>
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Aurora Enterprise "ACU Lock" License

Part No: EAUR-EE-ACU1

Aurora Enterprise offers a lock out feature to promote exclusivity for Keyscan Enterprise partners. This license number will prevent another dealer from adding to, modifying or servicing an exclusive Keyscan Aurora Enterprise access control system. To activate Enterprise optional licensed module.

Available direct to Enterprise Partners only. Not available through distribution.

Features and Benefits:
- Only required if optional enterprise lockout feature is activated in Aurora
- Includes one license to install one ACU/ECU panel in Aurora software
- Available to Enterprise Partners only. Not available through distribution
- Serial number emailed

<table>
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<tr>
<th>Availability: Stock</th>
<th>Warranty: K</th>
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</table>
Keyscan Aurora Enterprise Edition

Aurora Enterprise "ACU Lock" License
(5-pack)
**Part No:** EAUR-EE-ACU5

Aurora Enterprise offers a lockout feature to promote exclusivity for Keyscan Enterprise partners. This license number will prevent another dealer from adding to, modifying or servicing an exclusive Keyscan Aurora Enterprise access control system. Can be used for up to 5 panels. To activate Enterprise optional licensed module for use, register the module's license number provided when you purchase the module.

**Features and Benefits:**
- Only required if optional enterprise lockout feature is activated in Aurora
- Includes five licenses to install five ACU/ECU panels in Aurora software
- Available to Enterprise Partners only. Not available through distribution
- Serial number emailed

**Availability:** Stock  **Warranty:** K  **Lead time:** 4 Business days  **MSRP:** $82.96

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Aurora Enterprise "ACU Lock" License
(10-pack)
**Part No:** EAUR-EE-ACU10

Aurora Enterprise offers a lockout feature to promote exclusivity for Keyscan Enterprise partners. This license number will prevent another dealer from adding to, modifying or servicing an exclusive Keyscan Aurora Enterprise access control system. Can be used for up to 10 panels. To activate Enterprise optional licensed module for use, register the module's license number provided when you purchase the module.

**Features and Benefits:**
- Only required if optional enterprise lockout feature is activated in Aurora
- Includes ten licenses to install ten ACU/ECU panels in Aurora software
- Available to Enterprise Partners only. Not available through distribution
- Serial number emailed

**Availability:** Stock  **Warranty:** K  **Lead time:** 4 Business days  **MSRP:** $151.50
Vantage Web Client Software

**Part No:** V-WEB

Vantage web client is available only to Enterprise dealers. It offers a wide range of features to help secure any facility with ease and manage that facility using any web enabled PC or device. Specifically engineered with the end-user in mind, Vantage intuitively organizes information to save time, and reduce click-throughs. This module will continue to be available to support existing Vantage users only.

*Available direct to Enterprise Partners only. Not available through distribution.*

**Features and Benefits:**
- V-WEB creates a secure web application to manage a Vantage-based access control system
- Requires existing licensed Vantage software
- Requires additional computer hardware
- Includes two (2) concurrent user licenses for V-WEB only
- Check www.Keyscan.ca for PC/server requirements and compatible operating system requirements
- Available to Enterprise Partners only. Not available through distribution

| Availability: Non Stock | Warranty: J | Lead time: 4 Business days | MSRP: $1,875.71 |

Vantage Additional Client Module

**Part No:** EVAC

Vantage is available only to Enterprise dealers. It offers a wide range of features to help secure any facility with ease. Specifically engineered with the end-user in mind, Vantage intuitively organizes information to save time, and reduce click-throughs. Even the most advanced features are designed to be completely user friendly, while still impressing the seasoned access control professional. This module allows one additional concurrent client license. The module will continue to be available to support existing Vantage users only.

*Available direct to Enterprise Partners only. Not available through distribution.*

**Features and Benefits:**
- Vantage client license for one additional concurrent user
- Available to Enterprise Partners only. Not available through distribution
- Serial number emailed

| Availability: Stock | Warranty: K | Lead time: 4 Business days | MSRP: $505.00 |
Vantage Web Additional User License

Part No: EV-WEB-C

A V-WEB-C license adds one additional concurrent client to V-WEB software only, providing easy expansion when several managers or sites require access to the web client for day-to-day system management.

This module will continue to be available to support existing Vantage users only.

Available direct to Enterprise Partners only. Not available through distribution.

Features and Benefits:
- For V-WEB software only (not valid for Vantage software)
- Additional user license for one concurrent web user
- Available to Enterprise Partners only. Not available through distribution
- Serial number emailed

Availability: Stock  Warranty:  K  Lead time:  4 Business days  MSRP:  $505.00

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Vantage 10 Pack Web Additional User License

Part No: EV-WEB-C10

A V-WEB-C10 license adds ten additional concurrent clients to V-WEB software only, providing easy expansion when several managers or sites require access to the web client for day-to-day system management.

This module will continue to be available to support existing Vantage users only.

Available direct to Enterprise Partners only. Not available through distribution.

Features and Benefits:
- For V-WEB software only (not valid for Vantage software)
- Additional user license for one concurrent web user
- Available to Enterprise Partners only. Not available through distribution
- Serial number emailed

Availability: Stock  Warranty:  K  Lead time:  4 Business days  MSRP:  $3,823.57
Enterprise Reverse IP License
(10 pack)
Part No: EV-RN

V-RN (Enterprise reverse network) license is designed so that a programmed access control unit at a remote location initiates communication via an encrypted NETCOM6 over a private or public network back to a PC/server with encrypted communication software at a host location. This V-RN license allows 10 reverse network IP connections. This module will continue to be available to support existing Vantage users only.

Available direct to Enterprise Partners only. Not available through distribution.

Features and Benefits:
- Allows monitoring & control of remote sites over internet
- Vantage reverse IP connection license to allow ten (10) remote IP connections.
- Requires Vantage software v 8.1.11 or higher
- Requires Rev. 11 or PC101x ACUs with firmware v 8.76 or higher
- Available to Enterprise Partners only. Not available through distribution
- Serial number emailed

<table>
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Enterprise Reverse IP License
(5 pack)
Part No: EV-RN5

V-RN (Enterprise reverse network) license is designed so that a programmed access control unit at a remote location initiates communication via an encrypted NETCOM6 over a private or public network back to a PC/server with encrypted communication software at a host location. This V-RN license allows 5 reverse network IP connections. This module will continue to be available to support existing Vantage users only.

Available direct to Enterprise Partners only. Not available through distribution.

Features and Benefits:
- Allows monitoring & control of remote sites over internet
- Vantage reverse IP connection license to allow five (5) remote IP connections.
- Requires Vantage software v 8.1.15 or higher
- Reverse network requires firmware of v 8.75 or higher with rev. 11, PC101x or PC109x ACUs
- Available to Enterprise Partners only. Not available through distribution
- Serial number emailed

<table>
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<th>Availability: Stock</th>
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<th>MSRP: $1,226.43</th>
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</table>
Keyscan Vantage Enterprise Software

Vantage Photo Badging Module
Part No: EVIDM

The VIDM add-on module allows users to create unique badge templates for their facility, and print identification badges for employees. The photo badge capability increases facility security by making access cards less transferable. This module will continue to be available to support existing Vantage users only.

Available direct to Enterprise Partners only. Not available through distribution.

Features and Benefits:
- Vantage photo badging and verification license to enable photo badging and verification
- Verification features allow users to trigger card holder images to appear on-screen when a card is presented to a reader
- Photo badge editor makes creating photobadge templates easy
- Import your own logos and backgrounds to completely customize photo badges
- Serial number emailed
- Available to Enterprise Partners only. Not available through distribution

| Availability: Stock | Warranty: K | Lead time: 4 Business days | MSRP: $1,471.71 |

DSC Intrusion Panel Integration
Part No: EVDSC

The VDSC module allows you to program and make changes to a DSC intrusion system directly from the Vantage software. Integration between the DSC Power Series or Maxsys Intrusion Panels and the Vantage software give the user complete control of their security system with real-time display of system, zone, and partition status. This module will continue to be available to support existing Vantage users only.

Available direct to Enterprise Partners only. Not available through distribution.

Features and Benefits:
- Vantage integration license to integrate with DSC Power Series or Maxsys series alarm panels
- DSC Power Series alarm panel and DSC IT-100 module – not sold by dormakaba Canada
- DSC Maxsys series alarm panel and DSC PC4401 module – not sold by dormakaba Canada
- Requires Rev.11 Keyscan ACU with firmware set (system V8.50/7.70-reader V3.04 or higher) and Vantage software (v 8.17 or higher)
- Now includes 6’ data cable for connection with optional NETCOM2
- Available to Enterprise Partners only. Not available through distribution
- Serial number emailed

| Availability: Stock | Warranty: K | Lead time: 4 Business days | MSRP: $937.86 |
Vantage VVM add-on visitor management module allows for additional control over any facility. Schedule visits and track visitor status to always know exactly who is in the building. Full report generation capabilities make visitor tracking quick and easy. Make visitors identifiable with printed access cards, or self-adhesive badges printed from any client. This module will continue to be available to support existing Vantage users only.

Available direct to Enterprise Partners only. Not available through distribution.

Features and Benefits:
- Comes with software CD; single user license; software has online user help
- Fully integrated with vantage access control software
- Print visitor badges on any inkjet or laser jet printer
- Available to Enterprise Partners only. Not available through distribution
- Serial number emailed

| Availability: Stock | Warranty: K | Lead time: 4 Business days | MSRP: $865.71 |
ACU Vantage Reader Firmware

PC1091-1095 Vantage Reader Firmware

**Part No:** FWRAA95V

Vantage reader firmware. Only one chip is needed to support CA250E, CA4500E, CA8500E; EC1500E and EC2500E (PC1091-1095) access control panels. Now available in single chip packs.

**Features and Benefits:**
- Single reader chip
- Required reader chip for PC1091-1095 ACUs to support Vantage software
- For PC1097 use FWRAA97V
- Available to Enterprise Partners only. Not available through distribution

<table>
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<th>Availability: Stock</th>
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</table>

**PC1097 Vantage Reader Firmware**

**Part No:** FWRAA97V

Vantage reader firmware. Only one chip is needed to support CA250E, CA4500E, CA8500E; EC1500E and EC2500E (PC1097) access control panels. Now available in single chip packs.

**Features and Benefits:**
- Single reader chip
- Required reader chip for PC1097 ACUs to support Vantage software
- For PC1091-PC1095 use FWRAA95V
- Available to Enterprise Partners only. Not available through distribution

<table>
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<tr>
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<th>Lead time: 4 Business days</th>
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</table>
ACU Vantage Reader Firmware

CA150 Vantage Reader Firmware

**Part No:** FWRC156V1

CA150 Vantage reader firmware and IO Prom PC1151 or higher boards. Now available in single chip packs.

**Available direct to Enterprise Partners only.**
**Not available through distribution.**

**Features and Benefits:**
- Single reader chip
- Required reader chip for CA150 ACUs to support Vantage software
- Available to Enterprise Partners only. Not available through distribution

<table>
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<tbody>
<tr>
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CA150 System Firmware Upgrade 1156/Higher

**Part No:** FWSC157V1

CA150 system firmware upgrade for PC1156 or higher board. Allows PC1156 or higher to recognize K-PROX3 additional features.

**Available direct to Enterprise Partners only.**
**Not available through distribution.**

**Features and Benefits:**
- Must specify board version and serial number to order
- Single chip, chip extractor tool & installation documentation
- Update to existing firmware for CA150 ACU and for K-PROX3 additional features
- For board revision PC 1156 or higher
- Firmware version is V9.39
- Available to Enterprise Partners only. Not available through distribution

<table>
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