Keyscan K-SMART3
13.56MHz reader— with mobile credential support

Keyscan high-frequency reader series
K-SMART3 readers are mobile-ready for use with Keyscan mobile credentials

The new K-SMART3 reader features added technologies and dedicated functions for Keyscan systems. Its anti-tamper “heartbeat” intelligence triggers alarm conditions when the signal is interrupted. Plus, auxiliary LED indicators provide visual confirmation of our exclusive Present3 and Lockdown mode.

Keyscan Advantage
K-SMART3 offers unrivalled performance and reliability when coupled with Keyscan K-SECURE 1K/4K credential series featuring our proprietary 36-bit format for enhanced reader and credential encryption.

Supports Keyscan Mobile Credentials
K-SMART3 is designed to offer the benefits of high-caliber access control with the freedom to use smart cards or your smartphone.

A cost-effective 13.56MHz reader solution, with the ability to function with both physical and Keyscan K-BLE mobile credentials, K-SMART3 makes an ideal choice for new Keyscan installations and existing system upgrades and retrofits.

Added benefits of K-SMART3

• Compatible with K-SMART readers and K-SECURE series of credentials; as well as ISO 14443 contactless non-proprietary smartcards (reading card serial number only)
• Support for Keyscan mobile credentials (K-BLE) with no added programming
• Will function with non-Keyscan access control systems*. Use the included K-PC2 reader programming card to toggle features on/off
• On board audible tone is available to generate a sound alert whenever ‘door held open’ events are detected
• Simple 2 in 1 unit supports mullion or single gang installation applications
• Durable tamper-resistant epoxy design with weather-resistant construction for reliable indoor or outdoor operation

* Keyscan K-SMART3 readers are mobile-ready for use with Keyscan mobile credentials.
### Specifications

**Size**
- Mullion: 4 7/16" x 1 11/16" x 11/16" (11.5 cm x 4.49 cm x 1.7 cm)
- Switch Plate: 4 3/4" x 3" x 5/8" (12 cm x 7.6 cm x 1.6 cm)

**Physical Credential Read Range**
- On or off metal: 1" (3 cm) with ISO type card

**Mobile credential read range**
- Four BLE read ranges:
  - Short range
  - Medium range
  - Long range
  - Maximum range
  (all read ranges are subject to installation of reader and type of mobile device used)

**Input voltage**
- 12 VDC at reader

**Typical current draw**
- 125mA

**Cable Distance**
- 12" wire pigtail standard
- Wiegand interface 500 feet (152 meters); 6 conductor shielded 22 AWG

**Operating Temperature**
- - 40° C to 66° C (- 40° F to 150.8° F)

**Reader Programming Card**
- K-PC2 command card (included) to toggle Keyscan enhanced features (Present3 & heartbeat)

**BLE programming card**
- BLE card to program BLE reader range setting (short, medium, long or maximum)
  (package of five identical programming cards, sold separately)

**Indoor/Outdoor Design**
- Secured in a rugged, tamper-resistant epoxy potting designed to withstand harsh weather conditions
- Easily installed in any location

**Connections**
- Connections must be in accordance with NFPA 70. Reader and/or control unit power sources must not be connected to a receptacle controlled by a switch

**Panel compatibility**
- PC1097 with system firmware V8.41; reader IO firmware 7.61 (higher)
- PC1156 (SDAC) with system firmware V2.03; reader IO firmware 3.4.20
- PC1156 (CA150) with system firmware V2.03; reader IO firmware 3.4.20

**Certifications**
- Canadian Industrial Design Certificate of Registration: 169,198 and 169,199

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