

E-Plex[®] 7900

RFID Electronic Lock Integrated With
Keyscan Aurora Software



Next generation E-Plex electronic wireless locks

With a streamlined design, this heavy duty electronic lockset is built for performance. The most versatile E-Plex model to date, it functions in standalone or wireless modes for cylindrical applications.

The E-Plex 7900 when used with Aurora software, offers the same trusted function and reliability customers have come to love with other E-Plex product offerings.

With variable models each designed to function with a designated list of credential types, E-Plex 7900 can be trusted in many access control environments.

Proximity (125kHz)

- Keyscan 36 bit credentials
- Other supported HID 125kHz technology credential formats supported by Aurora.

Mifare with BLE (13.5 MHz)

- Keyscan K-SECURE 1K/4K (36 Bit)
- Keyscan Mobile Credentials (36 Bit)

E-Plex 7900 added benefits

Integrated wireless access control

- Functions with Keyscan Aurora V 1.0.16.0 or higher software.
- Can be utilized in conjunction with E-Plex 3600/3700 and E-Plex 5600/5700 wireless locks.

No push buttons

- New integrated RFID reader.

Streamlined design

- Less projection from door.
- Integrated wireless antenna into inside trim.

More secure

- Batteries and wireless antenna on the secure side of the door.
- Offers door monitoring capabilities.

Easier to see visual indicators

- Top mounted LED indicators.

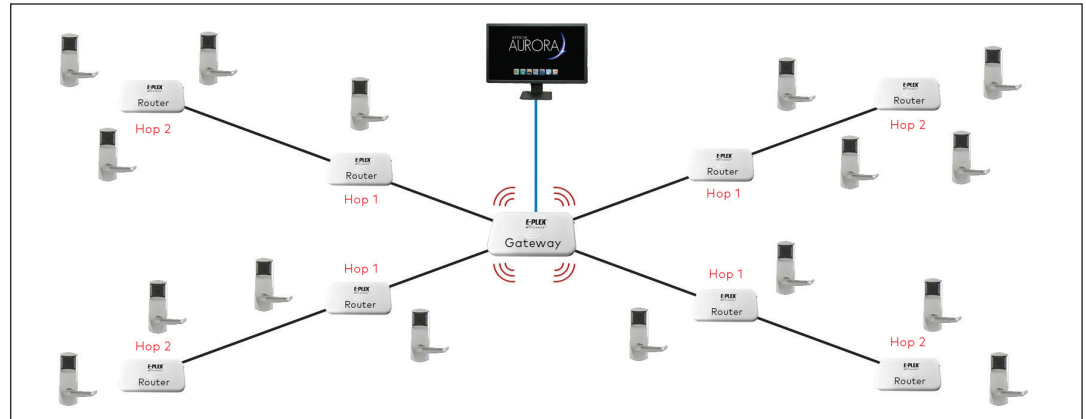
A cost effective wireless lock solution

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. E-Plex 7900 can also function on networks utilizing other E-Plex wireless locks using the same credentials.

- Requires Aurora Version 1.0.16.0 or higher.
- Requires Gateway firmware V 2.0.78 or higher. Existing Gateways can be updated over the air with Gateway firmware V.2.0.76 or higher.
- Requires optional command card set based upon lock card technology for programming. One set of command cards can program many locks (one at a time). Keep cards for future programming.

Typical E-Plex 7900 integrated wireless application

- Up to 100 gateways per network
- Up to 100 devices (locks/routers) per gateway
- Up to 8 routers per gateway
- Locks can be up to 2-hops from gateway



Specifications

Description	Heavy duty, electronic lockset with clutch mechanism and built-in contactless RFID reader.
Handing	Cylindrical lock is dual handed. Field reversible levers.
Levers (inside & outside)	ADA compliant, outside lever free to rotate upward and downward in locked mode. Lever clearance (space from end of lever to door): Long Lever: 3/8" (9.5mm lever clearance)
Key Override	Ilco KIL cylinder, keyed different. Best (SFIC) and equivalents (core not included).
Latch	1/2" (13 mm) Deadlatch
Door Thickness	From 1 3/8" to 2 1/2" (35mm to 66mm).
Shipping Weight	8.5 lbs (3.8 kg)
Housing Construction	Cast zinc alloy (outside housing, levers, and thumbturn), stainless steel inside housing.
Finishes	Satin chrome
Standard Backset	2 3/4" (70mm) backset
Locking Options	Cylindrical latch (2 3/4" backset).
Batteries	Alkaline 4 AA batteries for up to 90,000 openings (can vary depending on model and/or system settings). Low battery indicator on lock and in software.
Programming & Audit Trail	Lock memory stores 30,000 audits, max 10,000 users, wireless locks using Aurora software stream lock transactions in real time with on-line programming. Stand-alone lock programming and audit retrieval requires M unit (Handheld device - available soon).
Programming Command Card	Command card set matching card technology of lock ordered is required to be purchased separately to program all locks with that same card technology (not included with lock).
Accessibility Standard/Certification	ADA compliant, BHMA/ANSI Grade 1 (pending), Florida Windstorm, UL10/UL10C, ULC (pending), UL294 (pending), FCC Part 15 Class C and CE directive 89/336/EEC compliant.
Operating Conditions	-31°F to 149°F (-35°C to 65°C) 0% to 85% non-condensing humidity at 86°F (30°C).

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