

E-Plex[®] 7900

RFID Electronic Lock with Enterprise 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, mortise and exit trim applications. The E-Plex 7900 when used with Enterprise 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)

- HID compatible 125kHz prox technology
- HID corporate 1000 (35, 48 bit)
- HID 26 bit

MiFare

- MiFare Classic (CSN Only)

iCLASS Legacy

- 13.56 MHz iClass Classic, HID Public Keys
- HID Corporate 1000 (35, 48 bit)
- HID 26, 37 bit
- MiFare Classic (CSN Only)

A cost effective wireless lock solution

The E-Plex 7900 wireless model integrates with dormakaba Enterprise software using a ZigBee wireless network, which creates a two-way communication from lock to Enterprise software. E-Plex 7900 can also function on networks utilizing other E-Plex wireless locks using the same credentials.

- Requires Enterprise Version 4.2 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 (older versions may require factory update)
- Requires optional command card set based upon lock card technology for programming. (Retain for future programming)

E-Plex 7900 added benefits

Integrated wireless access control

- Functions with dormakaba Enterprise 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

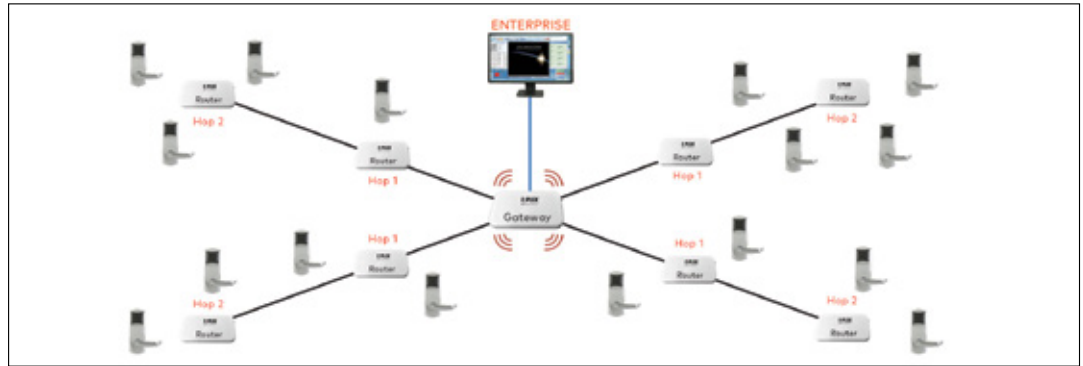
- Batteries and wireless antenna on the secure side of the door.
- Offers door monitoring capabilities.

Easier to see visual indicators

- Top mounted LED indicators.

Typical E-Plex 7900 integrated wireless application

- Up to 100 gateways per network.
- 100 devices (locks/routers) per gateway.
- Up to 8 routers per gateway.
- Locks/routers 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. Factory handed mortise (left or right) preferred; 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) Short Lever: 2" (51mm lever clearance) Elevon & Gala Lever: 2" (58mm lever clearance) (inside levers only) |
| Key Override | Ilco KIL cylinder, keyed-alike, keyed different (includes adapter for various KIL cylinders), Best small format IC prep 6-7 pin (core not included) |
| Latch / Deadbolt | Cylindrical - 1/2" bolt 1" (25 mm) Deadbolt (for ASM mortise) solid metal, projected by inside thumbturn and retracted with the 3/4" latch by the interior handle, emergency override or authorized keycards. |
| 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, Bright brass, Bright chrome, Dark bronze, Satin brass, Satin nickel, Ultra satin chrome. |
| Standard Backset | 2 3/4" (70mm) backset or optional 2 3/8" (60mm) backset also available for cylindrical lock 2 3/4" (70mm) backset for mortise lock. |
| Locking Options | Cylindrical latch (23/4" or 23/8" backset). Mortise 2 3/4" with 1 1/4" faceplate (optional 1" available - call for lead time) |
| Batteries | Alkaline batteries (4 AA). Low battery indicator in software and on lock. Battery life up to 1 year (based on optimal usage). |
| Programming & Audit Trail | Lock memory stores 30,000 audits, max 10,000 users, wireless locks using Enterprise software stream lock transactions in real time with on-line programming. Stand-alone lock programming and audit retrieval requires PC M-unit. |
| 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, Florida Windstorm (ASM Mortise), ULC-S104/UL10C, FCC Part 15 Class C and CE directive 2014/53/EU and Industry Canada. |
| Operating Conditions | -31°F to 149°F (-35°C to 65°C) 0% to 85% non-condensing humidity at 86°F (30°C) (iClass based locks -21°F to 149°F (-29°C to 65°C) |
| Support | Call 1 800 849 8324 for E7900 support using Enterprise software. |

*Battery life may vary from application to application, and by operator use. Battery life will vary based on reader technology. Battery life will be lower with 13.56MHz smart card readers or BLE technology as compared to 125kHz prox technology. Battery life may vary based on the function of the lock. Residence Function locks or auto-deadbolt locks will have lower battery life than storeroom usage.

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