dormakaba

E-Plex 7900
Electronic Lock for Partner Integrations

Features and benefits:
- Simple, secure and reliable wireless system
- API integration provides compatibility with leading access control software platforms
- BHMA grade 1 lock hardware (Cylindrical, Mortise and Exit Trim)
- Compatible with most credential technologies, including BLE mobile credentials
- Easy installation and less projection from door
- Integrated RFID reader
- Integrated wireless antenna
- Batteries and wireless antenna on the secure side of the door
- Offers door monitoring and request to exit capabilities
- Top mounted LED indicators
- Mechanical key override options available

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 can be used in cylindrical, mortise and exit device applications.

The E-Plex 7900 when used with access management software, offers the trusted function and reliability customers have come to expect with E-Plex products.

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.

A cost effective wireless lock solution

The E-Plex 7900 wireless model can integrate with select access management software platforms. Using Zigbee wireless, two-way communiation can be achieved between E-Plex gateways and locks. This allows installation of up to 32 locks per gateway and 2 extender hops to a maximum of 100 E-Plex 7900 wireless locks per gateway on any system.

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

E-Plex 7900 locks will each function with a specified series of either BLE, high frequencey (13.56 MHz) or standard frequency (125 kHz) credential types.

E7900 for Partner Integrations Compatibility

Compatible with	✔	Locks	E792****
	✔	Gateways	GWDZA00WHTE or GWWZA00WHTE
	✔	M-Units	MUNIT-52-114
Not compatible with	✖	Locks	E79N****
	✖	Gateways	G7542500001 or 7542800001
	✖	M-Units	MUNIT-51-114

Upgrade kits available to migrate E79N locks to E792 locks.

Factsheet

Typical E-Plex 7900 offline or wireless application
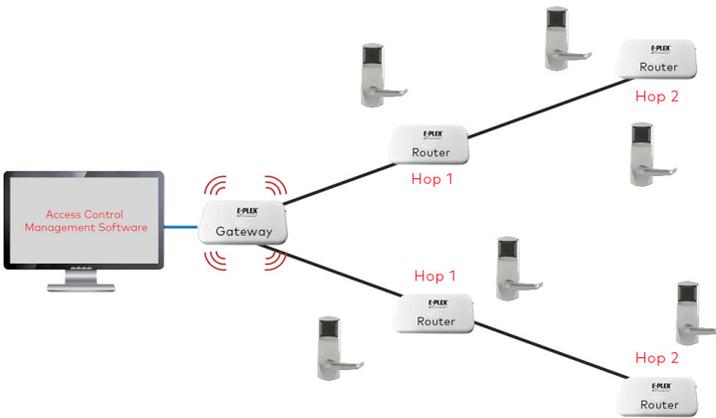
E-Plex System Guidelines
- E7900 Systems can support up to 100 gateway hierarchies per network

Per Gateway Hierarchy
- Up to 100 locks per Gateway Hierarchy*
  - Up to 32 locks connected directly to Gateway
  - Up to 8 Repeaters per Gateway
    - Up to 32 locks connected per Repeater
- Locks can be up to 2-Hops
- (2 repeaters, from gateway)
  - Example : Gateway -> Repeater1 -> Repeater2 -> Lock

*Limit gateway hierarchies to 100 locks. While more are technically possible, dormakaba strongly recommends staying at or below 100 to maintain performance and avoid system lag.

Specifications

Description	Heavy duty, electronic lockset with clutch mechanism and built-in contactless RFID reader
Handing	Cylindrical lock is dual handed. Field reversible levers
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)
iCLASS Legacy (Public Key)	HID 13.56 MHz iClass Classic; HID Corporate 1000 (35, 48 bit); Open format 26-bit; HID 37-bit (H10304); MiFare Classic (CSN Only)
iCLASS SEOS (Public Key)	HID 13.56 MHz iClass SEOS; HID Corporate 1000 (35, 48 bit); Open format 26-bit; HID 37-bit (H10304)
iCLASS SE & Legacy	HID 13.56 MHz iClass Legacy
Standard Proximity (125 kHz)	HID Corporate 1000 (35, 48-bit); HID 26 bit
Farpointe Conekt	13.56MHz Conekt smart card, Conekt BLE, DESFire EV2/EV3
Shipping Weight	8.5 lbs (3.8 kg)
Housing Construction	Cast zinc alloy (outside housing, levers, and thumbturn), stainless steel inside housing
Finishes (finish may vary)	626 Satin chrome, 625 Bright Chrome, 606 Satin Brass, 605 Bright Brass, 613 Oil Rubbed Bronze, 618 Bright Nickel, 619 Satin Nickel, U26 Ultra Satin Chrome, U05 Ultra Bright Brass, U06 Ultra Satin Brass, U13 Dark Bronze
Standard Backset	2 3/4" (70mm) backset
Locking Options	Cyl, 2 3/4" or 2 3/8" Backset, ½" Bolt; Cyl, 2 3/4" Backset, ¾" Bolt Mor, 1 1/4" Faceplate (FP), Utility, W or W-O deadbolt; Mor, 1" FP, LH or RH no deadbolt; Mor, *1" FP, LH or RH w/ deadbolt; For Exit trim options refer to E-Plex Exit Trim in Electronic Lock Price Book
Batteries	Alkaline batteries (4 AA). Low battery indicator in software and on lock. Battery life up to 1 year (based on optimal usage), may vary from application to application, and by operator use.
Programming & Audit Trail	Lock memory stores 30,000 audits, max 10,000 users, wireless locks using access control software stream lock transactions in real time with online programming.
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 (mortise), UL10/UL10C, ULC S104, FCC Part 15 Class A and CE directive 2014/53/EU and industry Canada compliant
Operating Conditions	-31°F to 149°F (-35°C to 65°C) 0% to 85% non-condensing humidity at 86°F (30°C)

*Complies with 2010 ADA Standards for Accessible Design – Art. 309.4 (Operable Parts). Compliant only with long lever on ASM. Not compliant for automatic dead bolt mortise. Lock must be installed according to the dormakaba installation instructions and the ADA Standards and Regulations applicable for each facility, to be able to fulfill compliance.

Any questions? We would be happy to advise you.

Contact us at: 1-888 539-7226