

E-Plex™ 7900

Integrated RFID Electronic Lock



Features and benefits:

- Functions in wireless mode with Keyscan Aurora V 1.0.15.0 (later)
- Functions in offline mode with Keyscan LUNA V2.0 or Aurora V1.0.22.0 (or later)
- Can be utilized in conjunction with E-Plex 3x00 Series and E-Plex 5x00 series electronic wireless locks
- Compatible with most credential technologies, including Keyscan BLE mobile credentials
- Less projection from door
- Integrated RFID reader
- Integrated wireless antenna
- Batteries and wireless antenna on the secure side of the door
- Offers door monitoring capabilities
- Top mounted LED indicators
- Now featuring Generation 2 zigbee gateway

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 device applications. The E-Plex 7900 when used with Keyscan Aurora or LUNA 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.

A cost effective wireless lock solution

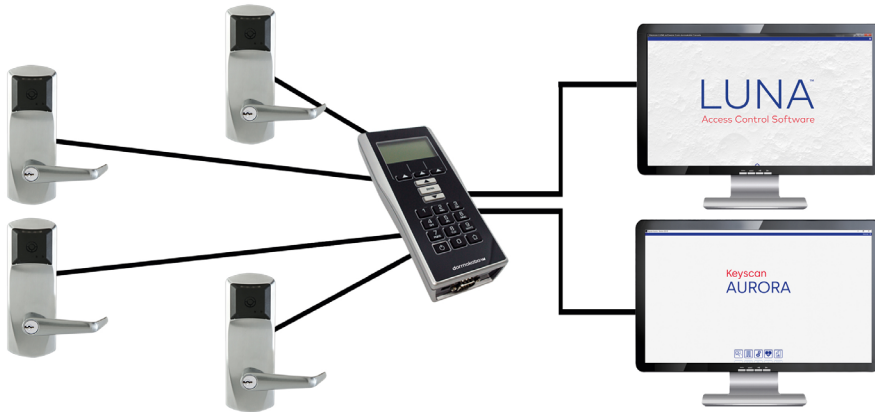
The E-Plex 7900 wireless model integrates with Keyscan Aurora software using a Generation 2 ZigBee wireless network, which creates a two-way communication from lock to Aurora software. This allows installation of up to 25 locks per gateway and 2 router hops to a maximum of 100 E-Plex 7900 wireless locks per gateway on any system running Keyscan Aurora version 1.0.15 or later. E-Plex 7900 also function on networks utilizing other E-Plex wireless lock models using the same credentials.

Each lock can be offline programmed with the data from Keyscan Aurora, Keyscan LUNA software or third-party software

(see ACS partner integration). The data is then uploaded to each lock using a handheld M-Unit. (NOTE: this requires LUNA 2.0 or Aurora version 1.0.22 or later).

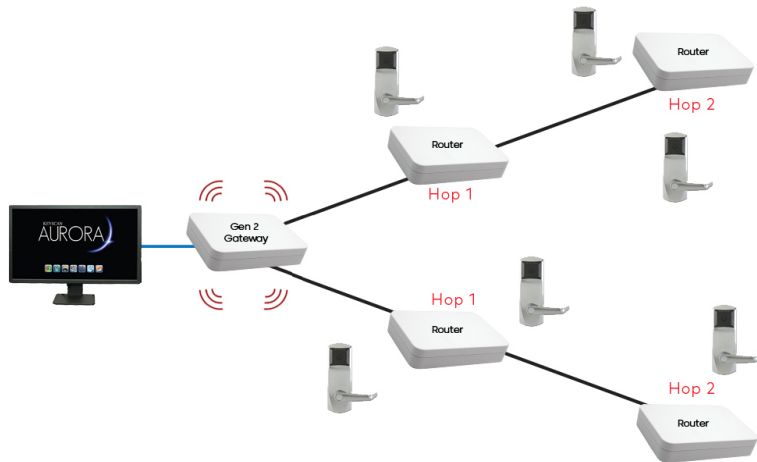
E-Plex 7900 locks will each function with a specified series of either high frequency (13.56 MHz) or standard frequency (125 kHz) credential types.

Typical E-Plex 7900 offline or wireless application



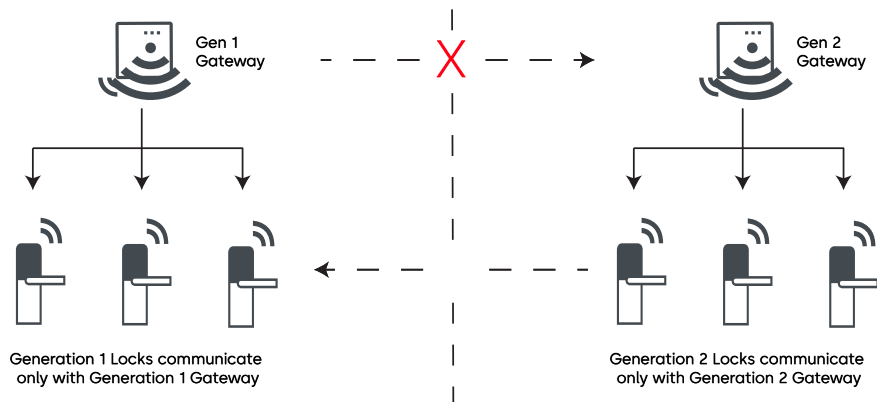
Offline / Standalone

- Program each lock directly
- Data and permissions are transferred from Keyscan Aurora, Keyscan LUNA or third-party ACS partner software (see ACS partner integration) and uploaded to each lock.



Integrated Generation 2 Wireless Network

- 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



Generation 1 locks function with Generation 1 gateways only
Generation 2 locks function with Generation 2 gateways only
A site may contain both Generation lock networks in parallel

E7900 Generation 2 Integration Compatibility

Compatible with	Locks Gen 2 Gateways M-Units	E792**** GWDZA00WHTe or GWWZA00WHTe MUNIT-52-114
Not compatible with	Locks Gateways M-Units	E79N**** 7542500001 or 7542800001 MUNIT-51-114

Upgrade kits are available to migrate E79N locks to E792 locks.

Nomenclature summary	Generation 1	Generation 2	
Lock Series	E79N (Legacy)	E792	E792
Supported Software	Keyscan Aurora (offline/online) Keyscan LUNA (offline/online)	Keyscan Aurora (offline/online) Keyscan LUNA (offline/online)	PACS Integrated Hardware (online)
Gateway (desktop)	7542500001	GWDZA00WHTe	GWDZA00WHTe
Gateway (wall mount)	7542800001	GWWZA00WHTe	GWWZA00WHTe
M-Unit (Handheld)	MUNIT-51-114	MUNIT-5K-114	MUNIT-52-114

ZigBee Configuration

2	Fully compatible with Generation 2 E-Plex locks and wireless networks. Generation 2 hardware is not compatible with the Generation 1 wireless network; however, it will continue to function alongside Generation 1 wireless locks and networks.
N	Generation 1 is compatible only with existing Gen 1 ZigBee wireless network. Contact your sales representative for any Generation 1 hardware needs.

Legacy RFID configuration		New RFID Configuration	
1	MiFare: Keyscan K-SECURE, or CSN with public key	1	MiFare: Keyscan K-SECURE, or CSN with public key
2	Prox (125kHz)	2	Prox (125kHz)
3	iCLASS Seos public key (+ CSN public key)	3	iCLASS Classic, SE and seos (CSN, public key and elite/custom key)
5	iCLASS SE and Classic Keyscan with elite key (aurora software only)	7	Farpointe Conekt Mobile (BLE) and smartcard 13.56MHz
6	iCLASS Classic and SE public key (+ CSN public key)		
Retained: MiFare and Prox		Simplified: Multiple iCLASS items are consolidated into one offering	
		New: Farpointe Conekt (13.56MHz BLE and smart) credentials	

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).
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, 1/2" Bolt; Cyl, 2 3/4" Backset, 3/4" 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).
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.
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	ADA compliant, BHMA/ANSI Grade 1, Florida Windstorm (mortise), UL10/UL10C, ULC S104,
Standard/Certification	FCC Part 15 Class C 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).

*Battery life may vary from application to application, and by operator use.

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Any questions? We would be happy to advise you.

Contact us at: 1-888 539-7226