

# Trilogy Networkx: Advanced wireless networking locks



Used with **Continental CardAccess**, Trilogy Networkx Wireless Prox Locks are a **Realtime Intelli-Edge™ Solution**, including power, door position contact & request-to-exit button, all in a wireless lock that communicates over any size network eliminating door-to-door operations

## **PL/PDL6200 Intelli-Edge with built in HID® Prox Reader**

Trilogy® Networkx™ Locks eliminate door-to-door programming and audit trail retrieval by communicating wirelessly via Ethernet or 802.11B/G, while providing all original Trilogy standalone lock's functionality. They provide quick, easy, economical door access with advanced features & functions, like automatic schedules, event logs and support for 2000 doors and 5000 existing Prox. HID® ID Cards/Badges, but with no wires to run, and no extra power supplies to buy or install. At its simplest, it's one Grade 1 durable cylindrical wireless battery-powered lock per door (prox-only or prox & keypad model), installed in about an hour, communicating to a single Gateway (each gateway controls up to 63 locks) simply networked to a PC. Or, for realtime solutions, using Continental CardAccess 3000, the locks also deliver *Intelli-Edge* door status (open, close or held) and forced-door events. In addition to Wireless Trilogy Networkx' unsurpassed battery-life, exceeding 5 years, the cylindrical and mortise (6600 Series) models have new network-wide capabilities, executed from any lock or the network server, including emergency priority global

lockdown or unlock deployed in seconds, and you can activate (non-priority) system-wide free-passage or locking modes globally or locally.

### **Features:**

- **Trilogy Networkx Locks communicate wirelessly via Ethernet or 802.11B/G** for a comprehensive wireless networked door access control system, eliminating door-to-door programming and audit trail retrieval and providing all standalone Trilogy lock functionality **plus** new network-wide global emergency lockdown/unlock commands
- **Built in Power - Unsurpassed 5-year+ battery life, typical**, using 4 C-cell batteries (supplied)\*\*. (Automatic battery status reports at the PC; visual and audible low-battery status indicators at lock(s).)
- **Trilogy Networkx and gateway modules have an integral transceiver for highly-efficient 900MHz bidirectional communications**, for longer range and less interference than with more common 2.4GHz spread spectrum devices. Alarm Lock devices require NO wiring; NO splitters or repeaters; NO hardwiring to the host/server; NO extra power supplies.
- **In seconds, activate emergency global lockdown/unlock from any Networkx lock or the server (with or without the PC online), by any authorized user with global permissions** (If desired, locks may be selectively programmed to be excluded from emergency global functions, i.e., they will ignore the lock/unlock command.)
- **System-wide free-passage enable or disable**, can likewise be activated from the network
- **Built in HID® Reader - Networkx Locks support up to 5000 HID® proximity ID cards, fobs, credentials** (Ideal for access doors where wiring a conventional HID reader is problematic.)

- Instantly, in real time, wirelessly change users, schedules, lock features or retrieve audit trails of up to 10,000 events/lock from any networked PC.

- Realtime daily, weekly, monthly unattended programming updates or event log retrievals can be scheduled to run automatically, saving manpower and productive time.

- Secure 128bit AES PC encryption and proprietary RF-link lock-to-Gateway communication encryption protects the system from interference or tampering (WEP or WPA compatible with wireless modem).

- Remote System Management: Web interface or VPN-connection /remote capability for accessing the Networkx System and controlling up to all 2000 locks per account, with all the security and peace-of-mind of your IT network.

- Minimizing hardware & installation costs, a single gateway module can be placed anywhere on any size network and interface between the PC network and up to 63 Networkx locks. At its maximum, a Trilogy Network system can comprise up to 53 gateways for the networking of up to 2000 locks or access controlled doors per account.

- Networkx Gateways' wireless coverage performance equals or surpasses that of 802.11, with each Gateway spanning up to 900' clear field range or 50,000 square feet of indoor coverage, typical\*\*\*.

- Up to 53 wall- or ceiling-mountable, compact gateway modules can be used per account and are available in wireless/hardwired and wired-only versions (with Power Over Ethernet (POE) option). The hybrid model connects using either 802.11 or standard Ethernet cable; the wired versions use an RJ-45 Ethernet cable. Networkx communications support both wired Ethernet and wireless 802.11.

- For the fastest most reliable networked system, in discovery setup mode, the system will locate and CardAccess 3000 will display each lock's signal strength at each installed gateway, so you can select it and optimize reliable communications and eliminate guesswork.

- Lock programming, user- and usage-data are also stored locally at the battery-powered lock for uninterrupted door access usage in a power outage or server offline situation.

### Trilogy Networkx 6200 Series Specifications:

Weatherproof locks for indoor/outdoor use with wide operating temperature range (-31 to 151 degrees F). Industrial strength BHMA Grade 1 durability and vandal-resistant all-metal chasis with built in HID prox reader. ADA-compliant leversets. Easy-to-install modified ANSI A115



Up to 2000 locks and a computer communicate wirelessly through bidirectional Gateways – eliminating the need for door-to-door programming and audit trail retrieval.

In seconds, global lockdown or unlock can be implemented from any Trilogy lock, even if the server/computer is inaccessible or offline!

Series door prep; easily/neatly retrofit standard cylindrical knobsets and mechanical standalone locks, in under an hour. Non-handed. 3 hour UL fire-rated deadlatch. Supports 1-5/8 to 1-7/8" door thickness; 2-3/4" backset (2-3/8" available.) Manual key override standard; most IC cores also supported on interchangeable core models. Wide choice of seven architectural finishes and IC core preps (6-7 pin). 26D Satin Chrome finish is standard.

### Ordering Information for Networkx Locks with Intelli-Edge Functions & Accessories:

**PL6200** (shown on side 1) Cylindrical Trilogy Networkx™ Wireless Access Control Lock with built in HID proximity reader, **Intelli-Edge Door position feature and contact**, integral bi-directional radio, 4-C cell battery-operated (batts. supplied), serial number ID card, standard format SCI keyway for manual key override, 4-7/8" ASA Strike (incldd).

**PL6100IC** Model as above, but with interchangeable core prep. (Core not supplied)

**PDL6200** Similar to PL6100, but also including full-metal digital keypad for digital code entry (or HID prox); integral bi-directional radio, 4-C cell battery-operated (batts. supplied), serial number ID card, standard format SCI keyway for manual key override, 4-7/8" ASA Strike (incldd).

**PL6200IC** Model as above, but with interchangeable core prep. (Core not supplied)

**PL6600** Mortise lock version of PL6200, specify left or right handed; field-reversible. Classroom function features stainless steel latchbolt, 3/4" (1.91cm) projection and deadlocking latch. 1 3/8" (3.5cm) mortise cylinder supplied. Will Accept 1 3/8" to 1 1/2" (3.5 – 3.82cm) mortise Cylinder. Classroom function supplied with straight Cam.

**PDL6600** Mortise lock version, of PDL6200, with Digital Keypad and built in HID prox reader. Mechanical specifications see PL6600.

### Networkx Gateways:

**AL-IM80211** Hardwire/Wireless Gateway Interface Module, with integral bi-directional radio, interfaces Networkx locks with PC network with hardwired Ethernet and wireless 802.11. Powered with Class 2, 6VAC transformer (supplied). Supports up to 63 Networkx Locks. Two antennas. Ceiling or wall mountable.

**AL-IME** Hardwire Gateway Interface Module, supports up to 63 Networkx Locks, similar to above, but using hardwired connection to the network via RJ45 Ethernet cable. One antenna. Powered with Class 2, 6VAC transformer (supplied). Ceiling or wall mountable.

**AL-IMEPOE** Hardwire Gateway Interface Module + POE, supports up to 63 Networkx Locks, as above, but using hardwired Ethernet and Power Over Ethernet (P.O.E.). Connects directly to a network via Ethernet cable. One antenna. Ceiling or wall mountable.

*\*\* Note: Battery life is directly proportionate to lock activations: users, door usage, program updates and audit trail downloads. Expected 5 year+ battery consumption estimate assumes 2000 authorized users, 100 passes per day, 365 days per year; daily updates changing one user and downloading 200 logged events every day.*

*\*\*\* Note: Actual coverage is dependent upon building construction and mounting location of Gateway.*

Continental  
Access 

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