PDL8200 Alarm Lock Trilogy Networx™: Advanced
Wireless Networking Locks with iClass HID Reader Built-in

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HID iCLASS® Card

iCLASS by HID

networx
by Trilogy

Now with HID iClass® Prox Reader, Trilogy Networx™ Locks communicate wirelessly over any size network eliminating door-to-door operations

PDL8200 iClass® Prox/PIN lock

Trilogy Networx 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. Plus, the new PDL8200 Series features a built in HID iClass Reader, to accept 13.56MHz Smart Cards, including smart chip for transactional info, ideal for campuses and universities seeking a one-card solution. These powerful Networx locks also provide a quick, easy, economical access system with advanced features & functions, like automatic schedules, event logs and support for 2000 doors and 5000 existing iClass Prox. ID Cards/Badges, but with no wires to run, and no access panels or power supplies to buy or install. At its simplest, it's one Grade 1 durable wireless lock per door, installed in about an hour, all communicating to a single Gateway (each gateway controls up to 63 locks), networked to any non-dedicated Windows-based PC. In addition to Wireless Trilogy Networx' unsurpassed battery-life, exceeding 5 years, they feature new network-wide capabilities, executed from any lock or the network's PC, including emergency priority global lockdown or unlock deployed in seconds, and you can activate (non-priority) system-wide free-passage or locking modes from the PC. For existing Trilogy installations, original standalone and new Trilogy Networx locks can seamlessly share one common database hosted on free Alarm Lock DL-WINDOWS software. †

- Locks support up to 5000 iClass HID card users and/or 3-6 digit numeric PIN codes

- **Tap & Add ID Card Enrollment** right at lock (individually or batch) or via PC †

- **Trilogy Networx 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** network-wide global emergency lockdown/unlock commands

- **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 Networx 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; and NO access controller/panels

- **Contains REX (Request to Exit) and DPS (Door Position Switch) features.** Real time when integrated with Continental Access, Lenel, Stanely BASIS

- **In 10 seconds, activate emergency global lockdown/unlock from the Networx PC or any Networx lock activated from any lock, 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 Networx PC

- **On demand, in seconds, wirelessly change users, schedules, lock features or retrieve audit trails of up to 35,000 events/lock from any networked PC.** *(Note: Transaction processing time is dependent upon system capacity, the more locks/gateways and the more data to be up/downloaded, the longer the time.)*

- **Unattended programming updates or event log retrievals can be scheduled** to run automatically, saving manpower and productive time.

- **Seamless upgrade path for original Trilogy users:** Intermix with existing Trilogy standalone lock installations and share one database and familiar Trilogy lock and software functions: Trilogy Wireless Networx Locks seamlessly integrate in an existing Alarm Lock Trilogy standalone door access system and share the same single DL-WINDOWS database. Existing Trilogy users can easily add one wireless Networx Lock, or as many as two thousand, to an existing system seamlessly with no downtime.

- **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:** VPN-connection /remote capability for accessing the Networx System and controlling up to all 2000 locks per account, with all the security and peace-of-mind of your IT network. (No special modems required.)

- **Tap & Add ID Card Enrollment right at lock.** Quickly enroll new users by simply tapping their iClass Cards right on face of lock reader; add individually or in batch groups

- **Wireless locks are fully keypad programmable** and can be up and functioning even before their wireless network is configured, so IT departments don't have to coordinate with physical security departments or locksmiths

- **Free Alarm Lock DL-WINDOWS software doesn't require a dedicated computer or a special computer network or costly server software licenses**, it simply runs as a secure Microsoft Windows-based application, on any computer system (as basic as a desktop or laptop PC), a wired or wireless router, and a gateway module or on a an internal LAN with static IP address (recommended). MS XP and Vista supported. †

- **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 Networx locks.** At its maximum, a Trilogy Networx system can comprise up to 50 gateways for the networking of up to 2000 locks or access controlled doors per account.

- **Networx 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 2000 locks and a PC communicate wirelessly through bidirectional Gateways – eliminating the need for door-to-door programming and audit trail retrieval. System Management with free DL-WINDOWS or Enterprise Solutions:

In seconds, global lockdown or unlock can be implemented from any Trilogy lock, even if the DL-WINDOWS computer is inaccessible or totally offline!

- **Up to 50 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. Networx communications support both wired Ethernet 10BaseT and wireless 802.11.

- **For the fastest most reliable networked system, in discovery setup mode, the system will locate and DL-WINDOWS 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 stored locally** at the battery-powered lock for uninterrupted door access usage in a power outage or server offline situation.

Trilogy Networx Lock Specifications:

Weatherproof locks for indoor/outdoor use with wide operating temperature range (-31 to 151 degrees F). Industrial strength BHMA Grade 1 durability, built in iClass HID prox reader/enroller and vandal-resistant all-metal keypad for PIN codes. ADA-compliant leversets. Easy-to-install modified ANSI A115 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 alos supported on interchangeable core models. Choice of architectural finishes and IC core preps (6-7 pin).

Ordering Information:

PDL8200 Cylindrical Trilogy Networx™ iClass™ Prox. Wireless Access Control Lock with built in 13.56 MHz iClass HID proximity ID card reader /enroller, full-metal digital keypad, 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 (included).

DL-WINDOWS Free Alarm Lock Trilogy Microsoft Windows-based software application, supports Trilogy Networx and Trilogy standalone locks, with single database. No-charge, downloadable online at www.alarmlock.com († Check working instructions for proper version software for full PDL8200 programming support.)

AL-IME2 Gen. 2 Gateway Interfaces Networx locks with a PC network via a hardwire Ethernet connection. Supports up to seven (7) Expanders (model AL-IME2-EXP), each can extend the coverage area by approximately 100 feet

AL-IM2 80211 Gen. 2 802.11 Gateway Similar to model above, but includes a bi-directional radio, and interfaces Networx locks with a PC network with hardwire Ethernet and wireless 802.11. Supports up to seven (7) Expanders (model AL-IME2-EXP), each can extend the coverage area by approximately 100 feet

AL-IME2-POE Gen. 2 Gateway Power Over Ethernet Hardwired Gateway interfaces Networx locks with a PC network with hardwire Power-Over-Ethernet. Enhanced with alternative power, and additional extended potential range, supporting up to seven (7) Expanders (model AL-IME2-EXP)

AL-IME2-EXP Expander Extends the coverage area of a Gen. 2 Series Gateways to Trilogy Networx Locks within a PC network, allowing greater distances for the placement of up to a maximum rated capacity of 63 Networx locks per Version 2 Gateway

AL-IME2-PIE Plug-in Expander Extends the coverage area of a Gen. 2 Series AL-IME2 Gateway to Trilogy Networx Locks within a PC network, allowing greater 802.11 distances for the placement of up to a maximum rated capacity of 63 networx locks per Version 2 Gateway.

*** 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.*