

TOP-RATED TRILOGY NETWORX®

Wireless Networked Keyless Entry Access Locks

















Replaces any door lock on any door type, neatly, quickly



AFFORDABLE Lowest labor & equipment costs without sacrificing top



EASY NETWORK No wires to run to doors. Uses customers' existing network or Ethernet & multi-lock gateways



CENTRALLY MANAGED Auto-Schedule program updates, queries, or free access by time, by door & more New Real-Time



Supports thousands of PIN, ID or iLock App users. Easily added/ removed local or remotely



Create a Wireless Access System simply, with Trilogy Networx[™] Locks via 802.11 or ethernet network

P/DL6200 & prox/PIN cylindrical or mortise version P/DL6500 models

Based on Trilogy®, the #1 electronic standalone access locks, Networx™ Locking Products are networked to save staff labor, eliminating door-to-door programming and audit trail retrieval, by communicating wirelessly via Ethernet or 802.11B/G, all while providing the ultra dependability, functionality & long battery life, original Trilogys are known for. The expanded Networx line, for every type of door, combines to provide a quick, easy, economical access system for up to 2000 doors and 5000 users, with advanced features & functions, e.g., automatic schedules, event logs. But, with no wires to run, and no access panels or power supplies to buy or install, it can be a great time and budget saver for buildings, campuses or office suites. At its simplest, it's one Grade 1 wireless lock per door, installed in about an hour, all communicating to a single Gateway (your choice of gateways 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 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 Network locks can seamlessly share one common database hosted on free Alarm Lock DL-WINDOWS software. For real-time access applications, Networx Locks offer enterprise network integration with several leading platforms.

- Trilogy Networx Locks communicate wirelessly via Ethernet, Bluetooth LE or 802.11B/G for a comprehensive wireless networked door access control system, eliminating doorto-door programming and audit trail retrieval and providing all standalone Trilogy lock functionality plus new network-wide and emergency lockdown features.
- Unsurpassed 5-year+ battery life, typical, (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.
- In seconds, emergency global lockdown can be activated from the Networx PC, any Networx lock or Keyfob (RR-4BKEYFOB). (This priority emergency command is lightningfast system-wide and supersedes all scheduled programs or updates, etc. However, if desired, locks may be selectively programmed to be excluded from emergency global lockdown function, i.e., they will ignore the command.) New! Flashing Lock-Down indicator on inside door reassures occupants: Secure Campus '23 Award Winner
- System-wide free-passage enable or disable, can likewise be activated from the PC/Server

- Locks easily retrofit standard locks and support up to 5000 users with 3-6 digit numeric PIN codes and PDL-Series also support prox ID card users (virtually all HID™ format proximity technology ID cards or credentials. HID iClass supported in select 8000 series
- On demand, in seconds, wirelessly change users, schedules, lock features or retrieve audit trails of up to 40,000 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 (requires v4.1.x or higher^{f†}). 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 communication encryption protects the system from interference or tampering (WEP or WPA compatible
- Remote System Management: VPN-connection /remote capability for accessing the Networx System and controlling up to all 2000 locks, with all the security and peace-ofmind of your IT network. (No special modems required.)
- 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 an internal LAN with static IP address^{††}
- Minimizing hardware & installation costs, a single gateway module can interface between the PC network and up to 63 Networx locks, with a range of up to 900' clear field range or up to 200' depending on building construction. At its maximum, a Trilogy Networx system can comprise up to 32 gateways for the networking of up to 2000 locks or access controlled doors, using cost-saving/efficient Gateways & Expanders for easiest networking
- Enterprise Software Integration Options for real-time access provided with Continental, Lenel & AirAccess by Alarm Lock

Continental **Enterprise**









Trilogy Networx: Advanced Wireless Access Control

- Wall- or ceiling-mountable, compact gateway modules are available in wireless/hardwired and PoE versions (with Power Over Ethernet (POE) option). The hybrid model connects using either 802.11, Ethernet cable or 100Base-TX (using RJ45 Jack); wired version uses 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 & DL-WINDOWS^{††} will display each lock's signal strength at each installed gateway, so you can select it & optimize reliable communications & eliminate guesswork. Also new Offline Preconfiguration from any smart device with Gen. 3 Gateways.
- 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

Enterprise Networks, Real-Time Performance

- Networx locks can be used as wireless, single-door controllers in real time too
- Use with Use with AirAccess Cloud-Hosted Platform; Continental Enterprise, E-Access Embedded Web-Browser Based Systems; or, Lenel OnGuard##

Trilogy Networx Lock Specifications:

- Weatherproof locks for indoor/outdoor use with wide operating temperature range (-31 to 151° degrees F).
- Cylindrical models boast industrial strength BHMA Grade 1 durability and all models feature vandal-resistant all-metal keypad for PIN codes.
- PDL versions, HID Prox. Reader (HID iClass also supported in select 8000 Series models.).
- ADA-compliant leversets.
- Easy-to-install modified ANSI A115 Series door prep; easily and 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 3 Architectural finishes (US3 polished brass, 26D satin chrome,10B duronodic) and IC core preps (6-7pin).

Ordering Information:

PDL6200 Cylindrical Trilogy Networx™ PIN/Prox. Wireless Access Control Lock with built in HID proximity ID card reader door position



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 DL-WINDOWS or Enterprise Solutions:

Continental **Enterprise**

E Access





switch/request to exit, flashing lock-down indicator on inner door,, full-metal digital keypad, integral bi-directional radio, 4-C cell batteryoperated (batts. supplied), serial number ID card, standard format SCI keyway for manual key override, 4-7/8" ASA Strike (incldd).

DL6200 Cylindrical Trilogy® Networx PIN-Code Wireless Access Control Lock, as above, with full-metal digital keypad only.

PDL6600 Mortise version Networx PIN/Prox. lock, similar to 6200

DL6600 Mortise version Networx PIN-code only lock, similar to 6200 Series above.

DL-WINDOWS Free Alarm Lock Trilogy Microsoft Windowsbased software application, supports Trilogy Networx and Trilogy standalone locks, with single database. No-charge, downloadable online at www.alarmlock.com Not reqd. when running Continental

AA-KIT1A AIRACCESS Starter Kit (just add choice of door tech for real-time Trilogy Networx Mgt for full info see ALA537 Spec Sheet, Networx Locks or NetPanels, or go to: www.airaccess.com or ask any Alarm Lock Rep.

NETWORXPANEL Also 1-Door Wireless NetPanel for use with wiegand reader, ideal for gate control etc.

Network Interface INTERFACE: Ethernet 10Base-T or 100Base-TX (using RJ45 Jack) PROTOCOLS: TCP/IP, UDP/IP, DHCP 802.11 Wireless Specifications

WIRELESS STANDARDS: IEEE 802.11b; 802.11q





FREQUENCY RANGE: 2.412 - 2.484 GHz OUTPUT POWER: 14 dBm + 1.5 dBm/-1.0 dBm MAXIMUM RECEIVE LEVEL: -10dBm (with PER < 8%) DATA RATES WITH AUTOMATIC FALLBACK: 54Mbps - 1Mbps

RANGE: Up to 328 feet indoors

MODULATION TECHNIQUES: OFDM, DSSS, CCK, DQPSK, DBPSK, 64 QAM, 16 QAM

INTERFACE: Wireless 802.11b, 802.11g and 10/100 Ethernet PROTOCOLS: TCP/IP, UDP/IP, DHCP

SECURITY

• IEEE 802.11 - PSK with AES Encryption 128-bit Encryption • 128-bit AES Rijndael encryption **AL Radio Link**

• 900 MHz GFSK, 50 channels, 10mW power output

VOLTAGE: 5 - 6 volts AC/DC **OPERATING TEMPERATURE:** -20° to 60°C (-4° to 140°F)

STORAGE: -40° to 85°C (-40° to 185°F)

AVERAGE POWER CONSUMPTION:

- 1300 mW (WLAN mode; maximum data rate)
- 300 mW (WLAN mode; idle)
- 750 mW (Ethernet Mode)

PEAK SUPPLY CURRENT: 650 mA INPUT VOLTAGE: 5 - 6 volts AC/DC

OPERATING TEMPERATURE: -31 to 151° degrees F STORAGE TEMPERATURE: -40° to 85°C (-40° to 185°F)

Easier Networking with Gen. 3 Gateways - Now with Offline-Preconfiguration from any Smart Device (63 Locks/Gateway)



AL-IM3-80211 Gen. 3 Hardware & Wireless Gateway

The Trilogy Networx 3rd Generation Gateways interface up to 63 Networx Locks with a PC network. The new 80211 model now features networking via either a hardwire Ethernet connection &/or wirelessly via a bi-directional radio. Similar in function to the original Networx Gateway Modules, and able to be intermixed with them, but now featuring dual mode installation flexibility and new "Offline-Preconfiguration" from any smart device or PC/ laptop, i.e., enabling setup prior to getting on the job-site. Gen 3 Gateways require DL-WINDOWS version 5.5 +, †† support up to 7 of the same AL-IME2 Expanders (which extend the range up to 100 feet); 3 LED indicators display Gateway's operational status. AC Xformer supplied; ceiling/wall mount.

(Note: Original Gateways still supported)







AL-IM3-POE Gateway

With all the features & functionality of the above, but AL-IM3-POE (Power Over Ethernet) Hardwired Gateway interfaces Networx locks with a PC network with hardwire Power-Over-Ethernet. Gen 3 Gateways require DL-WINDOWS version 5.5 +, support up to 7 of the same AL-IME2 Expanders which extend the range up to 100 feet); 3 LED indicators display Gateway's operational status. Ceiling/Wall Mount.

AL-IME2-EXP Expander

Trilogy® Networx™ Expander extends the coverage area BOTH Gen 2 & 3 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 or 3 Gateways. Ceiling/Wall Mount.





As above, this Plug-In Expander extends the coverage area of either Gen 2 or 3 Series Gateways.









Transforms Trilogy Networx locks &/or Netpanels w/ standard prox readers into more profitable, full access control systems, with remote management, RMR & real-time lock-down security & remote app w/ built-in credential. Easy networking with cell-based radio units that communicate to dedicated AirAccess gateways over leading LTE cellular networks, & connects wirelessly & automatically, just like a phone. >> Easy 5-step wizard cloud-based software and cell communicator unit included in starter kit (#AA-KIT1A) - just add choice of wireless door tech. Wireless door to the cloud: Trilogy Networx lock or Netpanels. Great w/ gate operators too. Scalable expansion: each supports 500 users/378 doors (63 gateways per kit. (Note: Locks w/ Door Position Monitoring Recommended.)

for Business, Campus, Healthcare & Office Security Management

NOTE: Part numbers are either prefix DL for digital PIN code locks or PDL for digital locks with added built-in Prox ID Card Reader

P/DL6200: Cylindrical Lock

- Provide all standalone Trilogy lock functionality plus new network-wide and emergency lockdown features
- 5000 users with 3-6 digit PINs or HID® ID cards
- Includes Door Position Switch/Request to Exit
- Flexible System Monitoring, Control & Programming
- Unsurpassed 5-year+ battery life, typical, using 4 C-cell off-the-shelf batteries (supplied)
- Grade 1 durability, rugged clutch mechanism and weatherproof for use inside or out
- PDL6200 with built in HID prox reader (shown left) accepts most HID Proximity cards and keyfobs; DL6200 has keypad only; Prox only model available
- For Prox iClass™ ID cardholder support with DPS/REX, specify model PDL8200
- Flashing Lock Down Indicator on Inside Door

battery operated



0 0

PDL6300 Double-sided Cylindrical Prox Lock

- Double-sided Trilogy lock functionality from 2 sides of the door; PIN/Prox access logged coming and
- Built-in HID prox reader accepts most HID Proximity cards and keyfobs
- Rugged clutch mechanism and Grade 1 durability ensure long life
- Flexible System Monitoring, Control & Programming
- Long life battery operated; 4AA batteries, 60,000 cycles, typ.
- Weatherproof for use inside or out - A jetway favorite



Remote keyfob support for lock, unlock or global lockdown activation (RR-4BKEYFOB)

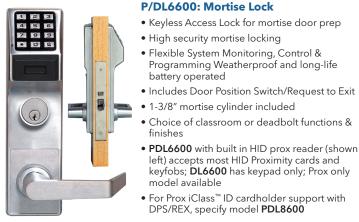


P/DL1300NW: Narrow Stile Lock Trim

- Add keyless access, automatic lock & free passage schedules to glass doors; plus add remote keyfob support and emergency global lockdown in seconds
- Aluminum door retrofit outside trim for most Adams Rite® Series Latch Locks (1850, 1950, 4710, 4070, 4730, 4900 Series & MS1850S and MS1950S Series)
- 5000 users with 3-6 digit PINs or HID® ID cards; Flexible System Monitoring, Control & Programming
- · Weatherproof and long-life battery operated
- PDL1300NW with built in HID prox reader (shown right) accepts most HID Proximity cards and keyfobs; DL1300NW has keypad only

P/DL1300NWET: Narrow Stile Exit Trim

 For use with Jackson, Dor-O-Matic, Von Duprin, Dorma, Arrow, DCI & Corbin° panic devices. ‡NOTE: Must use P/DL1350NWET or P/DL1325NWET with Dor-O-Matic, 2090, Jackson 1095 & Dorma 5300 as they require more than 85° rotation. Dor-O-Matic, Jackson and Dorma devices require thumb-turn or knob; must purchase separate tailpeice assembly



4 5 6

7 8 9



left) accepts most HID Proximity cards and

keyfobs; DL6600 has keypad only; Prox only

Programming Weatherproof and long-life

Choice of classroom or deadbolt functions &

1-3/8" mortise cylinder included



- Global lockdown and passage from keypad or PC, schedules, 35K event log, door position status indicator, request-to-exit, door ajar/kick-in, remote release options
- Ideal for use with strikes, mags, electrified exit devices
- 5000 users with 3-6 digit PINs or HID® ID cards
- Versatile for indoors or outside, ideal for education, healthcare, government, airports, courts & retail
- Familiar Trilogy operation; flexible system monitoring, control & programming
- NETPDK with built in HID prox reader accepts most HID Proximity cards and keyfobs; **NETDK** has keypad only

(Note: Keypads currently not supported by Enterprise Platforms)



ETDLN/ETPDN: Exit Trim

- Add Trilogy Networx keyless pushbutton convenience and labor-savings to any panic exit bar
- Rugged clutch mechanism insures long life and durability
- Flexible system monitoring, control & programming
- Models available for Von Duprin™, Sargent™, Yale™, Corbin/ Russwin™, Dorma™, Marks M9900 or Arrow™ push bars
- Weatherproof and long-life battery operated
- ETPDN with built in HID prox reader (shown right) accepts most HID Proximity cards and keyfobs; ETDLN has keypad only; Prox only model available
- For Request-to-Exit, specify model ETPDN-RX
- For Prox iClass[™] ID cardholder support with REX, specify model ETPDNI-RX









ArchiTech™ Customizable Networx Locks are also available with designer, minimalist look &concealed electronics in choice of multi-tech readers and hundreds of styles & finishes in the ArchiTech™ line, www.architechnetworx.com

(Model N90L w/ Multi-Tech Reader, shown)







TOP-RATED TRILOGY NETWORX®

Wireless Networked Keyless Entry Access Locks

Model & Feature	P/DL6200	P/DL6600	PDL6300	P/DL1300NW	ETDLN, ETPDN	NETDK, NETPDK
Lock Type	Cylindrical	Mortise	Cylindrical	Narrow stile (also PDL1300NWET series for use w/ exit device)	For use with exit device	Keypad
User Codes	5000	5000	5000	5000	5000	5000
Code Length	3-6 digits	3-6 digits	3-6 digits	3-6 digits	3-6 digits	3-6 digits
Programming	Keypad / PC	Keypad / PC	Keypad / PC	Keypad / PC	Keypad / PC	Keypad / PC
Vandal-Proof Keypad	All metal, 12 button	All metal 12-button	All metal 12-button	All metal, 12 button	All metal, 12 button	All metal 12-button
Trim w/Rugged Clutch	Straight or curved lever	Straight or curved lever	Straight or curved lever	Straight or curved lever	Straight or curved lever	
Audit Trail Events	35000	35000	40000	35000	40000	35000
Scheduled Events	500	500	500	500	500	500
Reader/Credential Support	PDL6200 for HID Prox; PDL8200 for iClass support	PDL6600 for HID Prox; PDL8600 for iClass support	HID Prox	PDL1300NW for HID Prox	ETPDLN for HID Prox; ETPDNI for iClass support	NETPDK for HID Prox
Lockdown w/ Flashing Bar (Privacy)		Global lockdown via lock, server or optional keyfob	Global lockdown via lock, server or optional keyfob	Global lockdown via lock, server or optional keyfob	Global lockdown via lock, server or optional keyfob	Global lockdown via lock, server or optional keyfob
Door Position Switch †	PDL6200; PDL8200 with iClass support	PDL6600; PDL8600 with iClass support				
Request to Exit †	PDL6200; PDL8200 with iClass support	PDL6600; PDL8600 with iClass support			ETPDN-RX; ETPDNI-RX with iClass support	
Weather-Proof -31 to 151° F	Standard	Standard	Standard	Standard	Standard	Standard
Handing	Non-handed	Handed	Non-handed, fully field reversible	Non-handed, fully field reversible	Non-handed, fully field reversible	
Door Thickness	1-5/8 to 1-7/8" (others on request)	1-5/8 - 1-7/8"	1-5/8 to 1-7/8" (others on request)	1-3/4"	1-5/8 to 1-7/8" (others on request)	
Backset	2-3/4" (included); 2-3/8"option.	2-3/4" (included)	2-3/4" (included)	31/32, 1-1/8 & 1-1/2"; Stile Thickness 1-3/4"		
Cylinder	Large key-in-knob, incld -or- IC Prep for Best/Falcon/Arrow (cylinder not incldd.)	Generic mortise cylinder supplied	Large key-in-knob, incld -or- IC Prep for Best, only	1-1/4" mortise cylinder, supplied; for Best, Falcon, Arrow prep cam and housing available (cylinder not incldd.)	Generic rim cylinder supplied. For other manufacturers' cylinders, adapters can be ordered separately	
Special Order Cylinders	Yale, Medeco, Sargent, Corbin/ Russwin, Schlage					
Relay Options	Yes	Yes	No	No	Yes	Yes
Battery/Cycles Typical	4 C cells; 500,000 or up to 5 years	5AA; 60000	4AA; 60,000 or up to 3 - 4 years	4AA; 100,000 or up to 3 - 4 years	4 C cells; 500,000 or up to 5 years	4 C cells; 500,000 or up to 5 year
Ratings	BHMA Grade 1 Lockset; 3hr. Fire Rated UL	3 Hour fire rated UL	3 Hour fire rated UL	3 Hour fire rated UL	3 Hour fire rated UL	
Architectural Finishes	US26D, US10B	US26D, US10B, US19	US26D, US10B	US26D, US10B, US19	US26D, US10B, US19	US26D, US10B

Note: Standard finishes are US26D Satin Chrome & 10B Duronodic. Consult factory for any other finishes. All products proudly backed by 2-year factory warranty.

TRILOGY NETWORX™ ORDERING INFORMATION:

PDL6200 Cylindrical Trilogy Networx PIN/Prox. wireless access control lock with built in HID proximity ID card reader and Door Position Switch/ Request to Exit feature

Flashing Lock Down Indicator on Inside Door

DL6200 As above, with full-metal digital keypad only

PDL8200 As above, with iClass support

PDL6600 Mortise Trilogy Networx PIN/Prox. wireless access control lock with built in HID proximity ID card reader and Door Position Switch/Request to Exit feature

DL6600 As above, with full-metal digital keypad only PDL8600 PIN/Prox Model as above, with iClass

PDL6300 Cylindrical Trilogy Networx double-sided PIN/Prox. wireless access control lock with built in HID proximity ID card reader

PDL1300NW Networx narrow stile wireless access prox lock trim with built in HID proximity ID card reader

DL1300NW As above, with full-metal digital keypad only

PDL1300NWET Networx narrow stile exit trim with built in HID proximity ID card reader‡

DL1300NWET As above, with full-metal digital keypad only‡

ETPDN Trilogy Networx wireless access lock trim with built-in HID proximity ID card reader

ETDLN As above, with full-metal digital keypad only

ETPDN-RX Trilogy Networx wireless access lock trim with built-in HID proximity ID card reader with Request to Exit feature

ETPDNI-RX As above, with iClass support

NETDK DK Wireless Keypad, only

NETPDK DK Wireless Keypad with built-in HID proximity ID card reader

AL-IME3-80211 Gen 3 Wired/Wireless Gateway

AL-IME3-POE Gen. 3 Gateway, Power Over Ethernet, No AC power required (Supports Gen 2 Expanders)

AL-IME2-EXP Gen. 2 Wireless Expander (supports Gen 2/3 Gateways)

AL-IME2-PIE Gen. 2 Plug-in Wireless Expander, AC power required

DL-WINDOWS Free Alarm Lock Trilogy Windowsbased database software online at: www.alarmlock.com

RR-4BKEYFOB Optional 4-button remote keyfob

AL-NSG Optional Gateway Simulator Aid

AL-NSM Optional Site Survey Tool for Networx Gateways

AA-KIT1A AIRACCESS Starter Kit for real-time Trilogy Networx Mgt for full info see ALA537 Spec Sheet, or go to: www.airaccess.com or ask any Alarm Lock Rep.



Trilogy, Networx, ArchiTech, iClass, AirAccess and Continental are trademarks of NAPCO Security Technologies/ Alarm Lock Systems Division. All others are trademarks of their respective companies. @NAPCO, 7.2023 ALA529A *System Integration Note: Integrated Lock Options vary by System/Application, please consult Tech Docs. Example, for use with AirAccess Hosted Systems, models with door-position monitoring are recommended.