Net2 PaxLock

Net2 access control in a door handle using wireless communication

What is it?

Net2 is a PC based security system for controlling access through doors. Net2 allows users to be given access to particular areas at certain times. Because the system is networked, all administration can be done from a central point.

Using Net2 technology, Net2 PaxLock offers the powerful wireless Net2 system within a door handle. It combines a wireless access control unit and a reader in one. Net2 PaxLock comes ready to fit a Euro lock cylinder (sold separately), meaning it is suitable for a variety of environments and refurbishment projects.There are several versions of Net2 PaxLock available; Paxton and Mifare compatible versions, both of which come with or without the option of key override.

Net2 PaxLock communicates with Net2 software at a central point by a secure, low power radio link, and events are reported back to the server in real-time. Net2 PaxLock is battery powered, which means that the unit is totally wireless as it does not require mains power. A battery life of up to three years keeps maintenance to a minimum. Installation is very cost effective with minimal disruption as no cable is required between the doors.

Simply connect a Net2Air bridge to the central Net2 server PC and the Net2 software will discover and communicate with Net2 PaxLock units within range. A secure pairing procedure ensures that communications are private and restricted to the site. If there is an existing TCP/IP Ethernet network, additional Net2Air Ethernet bridges may be used to extend the communication distance from the central server PC.

One Net2 PaxLock unit controls a single door. It may be installed alongside other Net2 nano or Net2 plus control units.

As with all Net2 control units, Net2 PaxLock is designed to work seamlessly in the event of a communications failure. It will continue to permit or deny access to existing users as appropriate. Once communications are re-established the activity is reported back to the PC.

Specifications

System specifications	
RFID - Paxton Version	125kHz
RFID - Mifare 14443A Version	13.56MHz
Door open time	Max 60 sec.
Number of events stored on ACU	3584
RFID read range: Token/ISO card/ Fob	10mm
Battery life: Normal mode	Up to 30,000 operations - 2 years typical
Battery life: Low power mode	Up to 60,000 operations - 3 years typical
Battery type	4 AA 1.5v cells

Features	
Door widths supported	Min 35mm - Max 60mm

Other features	
Door contact	Low battery warning
Rear handle exit request	Flat battery jumpstart terminals

Communication	
Recommended ACUs per bridge	10
Net2Air bridges per system	Max 100
Net2Air wireless range	Max 15m

Dimensions - Base unit	
Width	40mm
Height	324mm
Depth	Min 19mm - Max 35mm

Dimensions - Includes handle clearance	
Width	160mm
Height	324mm
Depth	Min 86mm - Max 97mm

Environment	
Operating temperature	Min 0°C - Max +55°C
Moisture resistance	IPX5
Vandal resistance	Low
Fire resistance	EN 1634-1:2008 - FD30 and FD60

Lock case compatibility	
Backset	Min 35mm
Rotation	Max 35°
Cylinder type	Euro profile
Case size	Max 200mm
Escape function	Refer to Paxton support regarding compatibility
Lock cylinder suitability	Door width + 40mm

Documentation	
Installation instructions	http://paxton.info/1809
Specifications	http://paxton.info/1810

Net2 PaxLock - 48mm Euro

324mm / 40mm
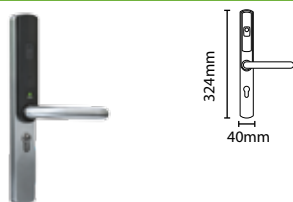
Sales code	901-148
More information	http://paxton.info/1808

Net2 PaxLock - 72mm Euro

324mm / 40mm
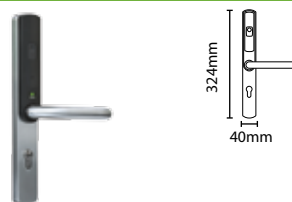
Sales code	901-172
More information	http://paxton.info/1808

Net2 PaxLock - No key override

324mm / 40mm
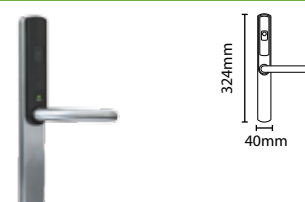
Sales code	901-110
More information	http://paxton.info/1808

Net2 PaxLock Mifare - 48mm Euro

324mm / 40mm
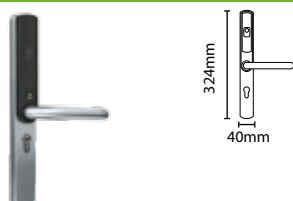
Sales code	901-248
More information	http://paxton.info/1808

Net2 PaxLock Mifare - 72mm Euro

324mm / 40mm
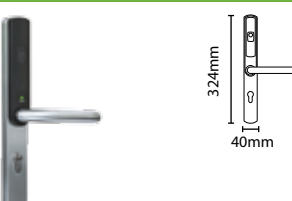
Sales code	901-272
More information	http://paxton.info/1808

Net2 PaxLock Mifare - No key override

324mm / 40mm
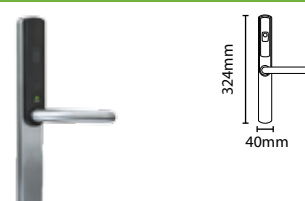
Sales code	901-210
More information	http://paxton.info/1808

All information and specifications correct at the point of publication, but may be subject to change without notice.