Paxton

NEW

Raising the Standard

Entry Standard Monitor

The latest addition to Paxton's door entry range

Introducing the next generation standard monitor, a versatile door entry monitor that offers a feature rich and cost-effective solution for a range of applications.

- Enhanced User Experience
- Contemporary Design
- Next Generation Technology
- Ultimate Versatility
- Undeniably Simple

For more information, visit:
paxton.info/5172

Paxton

Available with or without a handset

Can be wall mounted or used with a desk stand

5-Year Guarantee

Entry Standard Monitor

Introducing the next generation standard monitor, a versatile door entry monitor that offers a feature rich and cost-effective solution for a range of applications. Compatible with Paxton10 and Net2 systems, as well as working as part of a standalone door entry solution, the new Entry Standard monitor is the ideal choice for any building.

The new Entry Standard monitor replaces the previous Entry monitor in our door entry portfolio.

Enhanced User Experience

- Clear user interface on a 4.3" capacitive touch screen
- Excellent audio quality, full-duplex voice communication with echo cancellation
- High contrast screen ensures monitor is easy to read
- Line-out for use with T-Loop antenna for users with hearing aids**

Contemporary Design

- Smart, sleek design to fit discreetly into any surroundings
- Personalised experience with 14 theme designs
- Premium user interface with call and event log

Next Generation Technology

- More features, new look, better price
- Compatible with concierge management*
- Action buttons for additional functionality, open secondary doors or unlock an external gate
- Call snapshot captures an image of missed visitors

Ultimate Versatility

- Compatible with our Paxton10 and Net2 systems, also works as part of a standalone solution
- Simple wall mounting or can be used with a desk stand, sold seperately
- Available with or without a handset
- Ideal for a range of premises; schools, hospitals, offices, and apartments

Undeniably Simple

- Quick & easy installation – a true plug & play solution
- Intuitive user interface
- Quick visual verification of visitors
- Simple integration with doorbell input

*When used with the Entry Premium monitor.
The Entry Standard monitor cannot function as the concierge monitor.
** Antenna must be purchased separately from a third-party

New Entry Standard monitor sales code:
337-280 (without handset) & **337-282** (with handset)
Previous Entry monitor sales code: **337-286**

Unrivalled Technical Support | Free Training | 5-Year Guarantee

Paxton

DS1059

Net2 Entry Panel

System specifications

Power over Ethernet (PoE)	Yes - IEEE 802.3af class 0
Ethernet bandwidth requirement	1Mb/s multicast per panel during call
Panels per system	100
TCP/IP ethernet extension limit	100m/328ft
Cable type	CAT5
Token compatibility	Paxton EM MIFARE®, MIFARE ® Classic, MIFARE® DESFire® EV1, MIFARE Plus®, MIFARE Ultralight®, MIFARE Ultralight C®, MIFARE Mini®

Other hardware features

Audio system	Two way
Camera system	Full colour
Back-lit keypad/LCD	Yes
PIN/Code entry	Yes
Proximity and PIN/Code entry	Yes - only in conjunction with Net2 software
IDC connector	Optional
Colour	RAL 7021 (Anthracite grey)

Environment

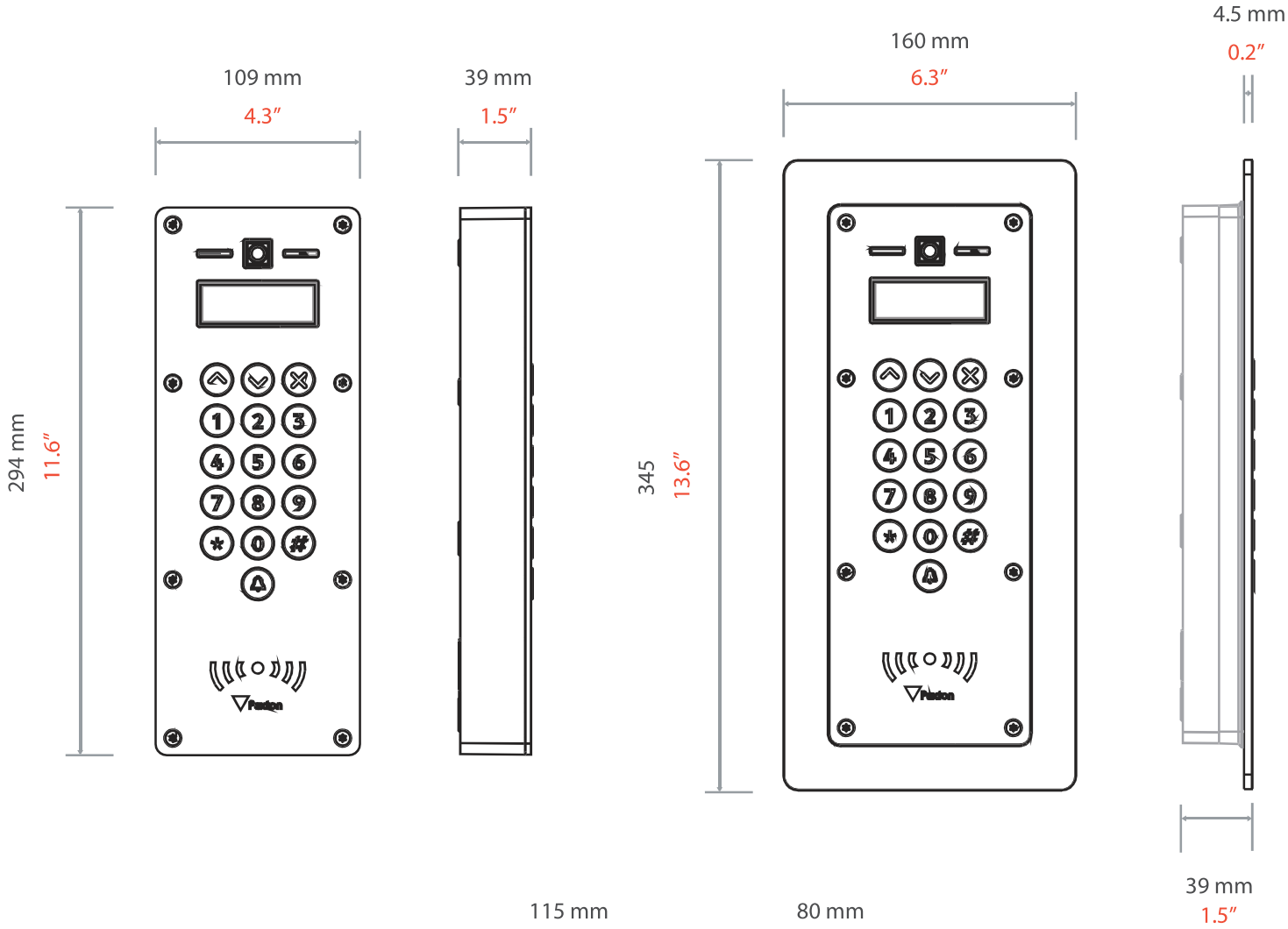
Operating Temperature	-20°C - +50°C -4°F - +122°F
Moisture resistance	IPX5
Vandal Resistance	IK08

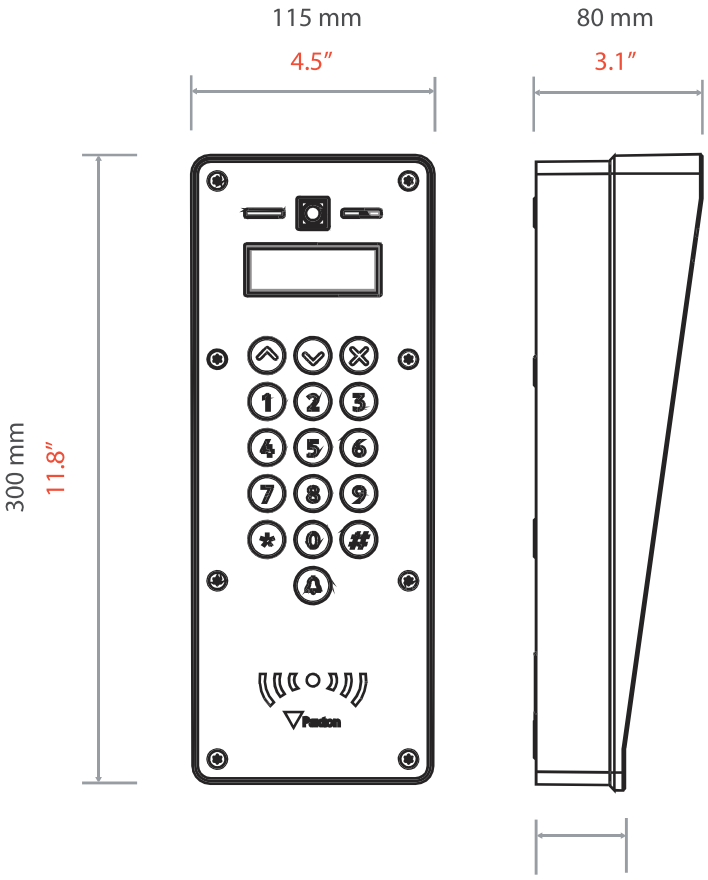
The Net2 Entry panel is a robust door entry panel incorporating both door entry and access control functions. It is powered using power over Ethernet (PoE) and communicates with the other elements of the system using IPv6, providing 'plug and play' installation. Each panel is associated with a Net2 Entry control unit which is the interface to the door hardware.

The panel is equipped with a keypad and a proximity token reader. A resident can use either the keypad or a token to gain entry. Installers gain access to the menu options using an engineer code or an engineer token.

Net2 software is used to administer the access control functions.

Decide how the units are to be connected. You can either run your own wired network or (with the owner's permission) share the buildings existing data network. If using the owners network, the system uses IPv6 protocol and PoE (Power over Ethernet) so the network must support this switch type.


109 mm
4.3″
39 mm
1.5″
294 mm
11.6″
160 mm
6.3″
345
13.6″
4.5 mm
0.2″
39 mm
1.5″


115 mm
4.5″
80 mm
3.1″
300 mm
11.8″
43 mm
1.7″

Accessories and sales codes

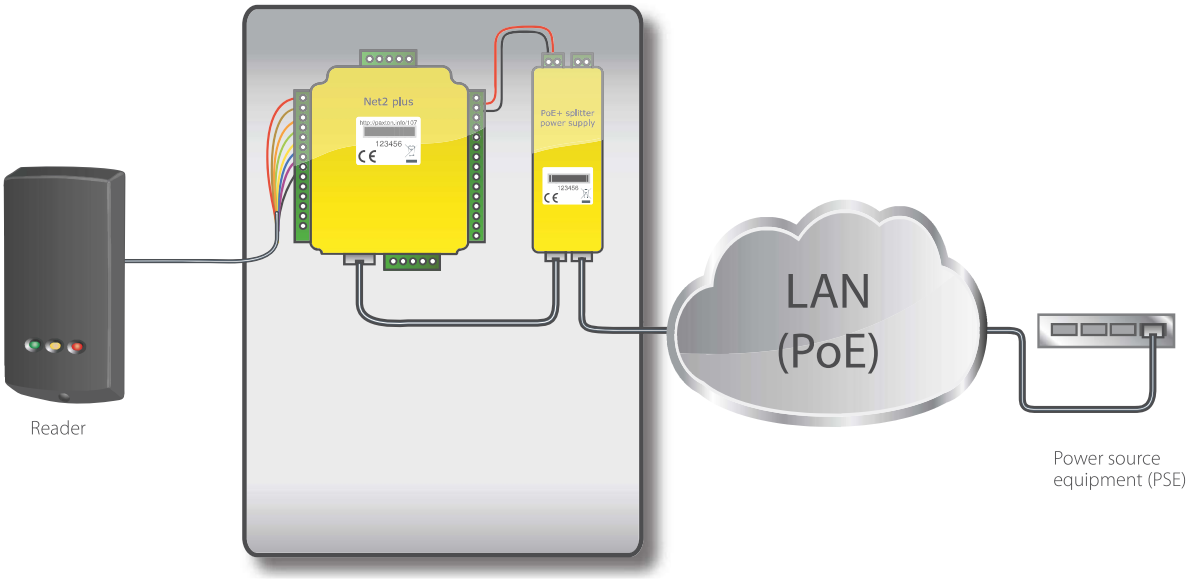
Net2 Entry Panel	337-420

Net2 Entry panel - Flush mount	337-400	Net2 Entry panel - rain hood	337-410

Made in the UK

Net2 plus with Power over Ethernet

A Net2 plus control unit utilising PoE as a power source



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.

Power over Ethernet (PoE) is a technology that allows both power and data to be passed along Ethernet cabling, the most common type of cable being Cat5. Ethernet is the collection of structured data cabling that already exists to connect all local area network (LAN) based equipment, for example PCs.

By combining Net2 plus with PoE, Paxton access control systems become even faster, easier and cheaper to install. You no longer need to include a separate mains power supply, saving on extra cabling and installation time.

Net2 plus with PoE simply plugs straight into the existing LAN using a standard RJ45 plug (providing it is powered by either a PoE switch or a PoE injector). It can then be detected and configured from the Net2 software in exactly the same way as any other Net2 access control unit.

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

support@paxton.co.uk 01273 811011 www.paxton.co.uk

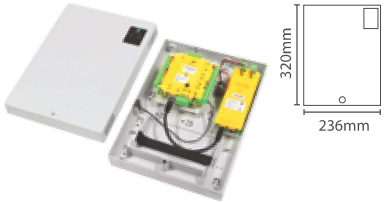
Paxton Access Ltd, Home Farm Road, Brighton, East Sussex BN1 9HU

Specifications

Features	
Doors per Access Control Unit (ACU)	1
Number of tokens	50,000
Number of PIN's	50,000
PIN length	4 - 8 digits
Number of codes	50
Code length	4 - 8 digits
Number of time zones	64
Number of access levels	250
Stored events per ACU	2,728
Data retention during a total power loss	28 days
Hands free compatible	Yes - requires interface
3rd party readers	Yes
Clock and data	Yes
26 bit Wiegand	Yes
Custom Wiegand	Yes - Max 50 bits
Door open time	Min 1 sec - Max 999,999 sec
Reader ports per ACU	2
Readers/Keypads per ACU	4 - check current draw on individual readers
Combined reader port output current	500 mA
Software required	Net2 v4.21 and above
Communication	
RS485	ACU has an on-board TCP/IP to RS485 converter
TCP/IP Ethernet	Yes
Ethernet network speed	10 Mbit/s - 100 Mbit/s auto MDIX
Ethernet bandwidth requirement	200 kbit/s
DHCP support (fixed IP recommended)	Yes
RS485 network speed	115.2 kbit/s
Reader cable type	Belden 9540
Data cable type	Cat5 or Belden 8723

Documentation	
More information	http://paxton.info/1299
Installation instructions	http://paxton.info/1748
Specifications	http://paxton.info/1747
Environment	
Operating temperatures - all items	Min 0°C - Max +49°C
Waterproof	No
ACU electrical	
Supply voltage	Min 11V DC - Max 15V DC
Supply current	200 mA
Relay switchable voltage	24V DC
Relay switchable current	4 A
Alarm output current	1 A
PSU electrical	
12V output voltage	Max 13.35V DC
Load output current (PoE+ AT Type 2)	Max 1.5 A
Load output power (PoE+ AT Type 2)	Max 20.4 W
Load output current (AF - AT Type 1)	Max 0.8 A
Load output power (AF - AT Type 1)	Max 10.36 W
Input supply voltage	Min 36V DC - Max 57V DC
Input supply current	Max 0.83 A
Other hardware features	
Volt free control relay	
Input for tamper	
Input for exit button	
Input for PSU fail	
Input for door contact	
Alarm output	
Dedicated intruder alarm integration port	
Integrated termination resistors	

Net2 plus 1 door controller - PoE+, Plastic cabinet



Sales code 682-284
More information http://paxton.info/1299

Net2 plus 1 door controller - PoE+, Metal cabinet

Sales code 682-721
More information http://paxton.info/1299

Paxton

DS1013

PROXIMITY Mifare reader - P50

System specifcations

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft ≤ 100m/328ft	Belden 9538/ Belden 5506FE (USA) Belden 9540/ Belden 5306FE (USA)
Token compatibility	Paxton EM Mifare	
Additional coloured covers available	Yes	
Handsfree compatible	Yes	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	170mA

Environment

Operating temperature	-35°C - +66°C -31°F - +151°F
Moisture resistance	IPX7
Vandal Resistance	Medium

The P50 mifare reader proximity readers are RFID devices that offer the convenience of contactless authentication for system users.

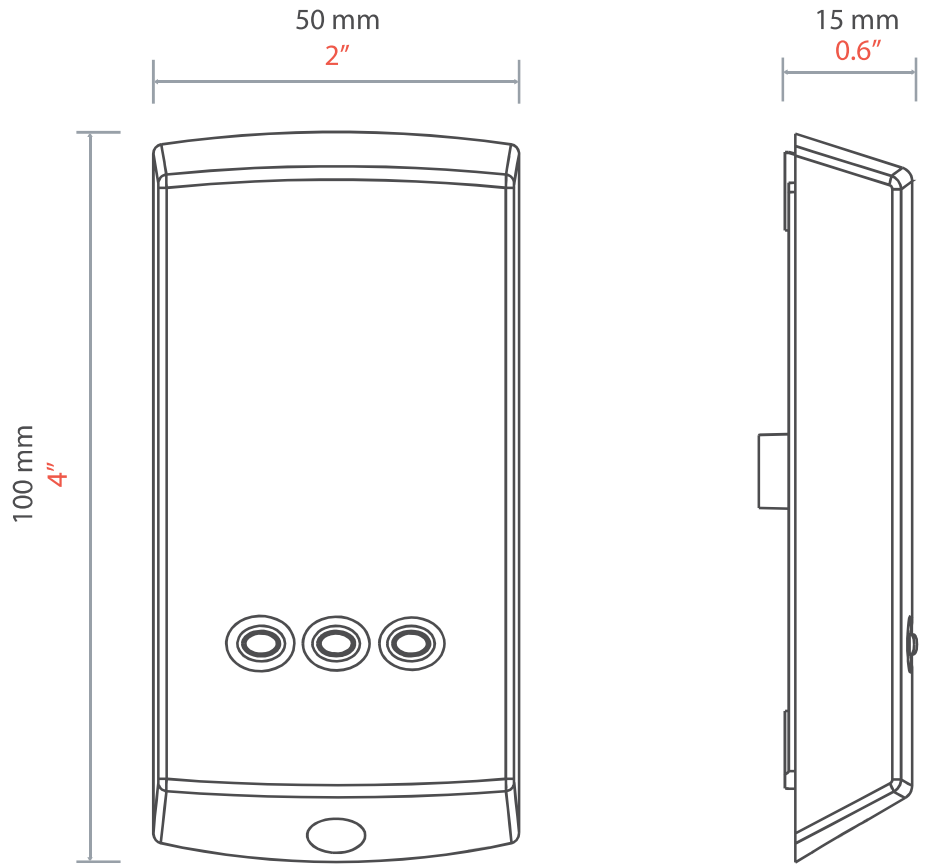
They are available for use with both Switch2 and Net2 systems The readers are supplied with a choice of black or white covers/ bezels. The reader is wired as shown on the control unit label.

Note: Be sure to avoid mounting proximity readers on metal surfaces or near other proximity readers as this will affect the read range.

A token is read by holding it within close proximity of the reader. Once a token has been read the control unit looks up the access permissions of that user. The control unit verifies the information and grants or denies access as appropriate.

By default, all 3 LEDs are lit. If access is granted, the green LED flashes. If access is denied, the red LED flashes.' An audible tone is emitted in both cases.

Dimensions



Accessories and sales codes

PROXIMITY Mifare reader - P50	353-467

Made in the UK