Paxton

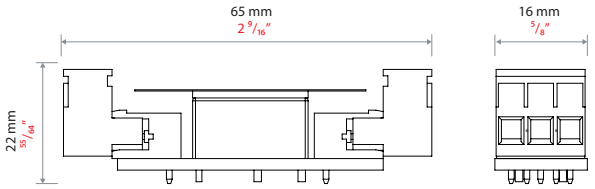
TDS-1083-US

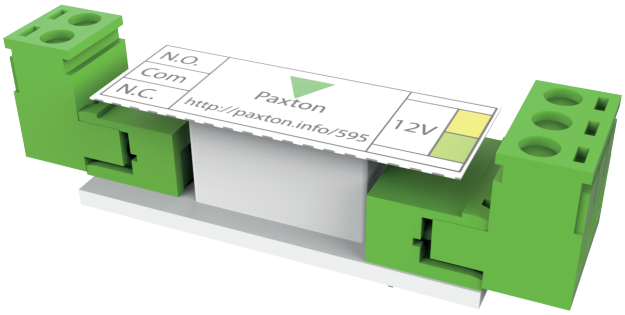
Compact - Relay module

Electrical

Input voltage	12V dc
Switchable voltage	40mA
Switchable current	4A

Dimensions





Sales Codes

Compact - Relay module, pack of 5	325-010-US

Compact systems use a 12V DC switched voltage to provide an output for a lock. This is not suitable in situations where volt free contacts are required for controlling external equipment, such as roller shutters or 24v locks. The compact relay module has been designed to be connected across this output (Green / Yellow wires) and provide switched (NO / NC) volt free contacts.

The terminals are colour coded to show the compact connections. Simply wire according to the label on the module.

The relay is suitable for switching a maximum of 40V AC/DC at 4A.

Made in the UK

Paxton

TDS-1081-US

Net2 proximity ISO cards – With magstripe

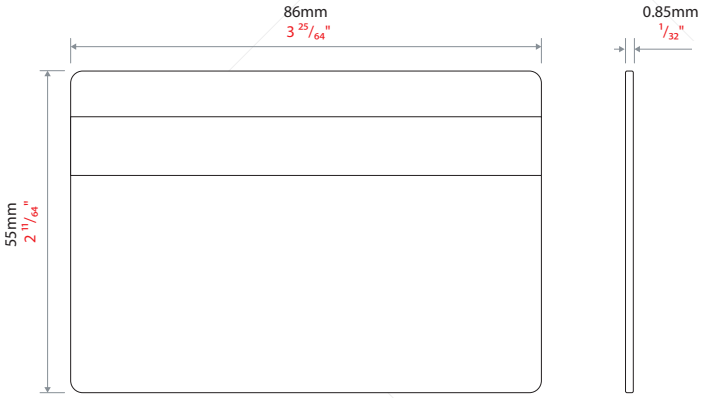
System specifications

Carrier frequency	125kHz

Hardware features

Material	Plastic
Signature strip	Yes
Magnetic stripe	Yes

Dimensions



Sales Codes

Net2 proximity ISO cards – With magstripe Pack of 10	692-448-US
Net2 proximity ISO cards – With magstripe Pack of 500	692-053-US

Net2 proximity ISO cards are for use with the Net2 system. The tokens are supplied in packs of ten or 500

To issue a token the user's details are entered using the PC software. The token number is then entered by presenting the token to the desktop reader.

Once programmed into the software the token is ready for use. Simply present the token to a reader, the access permissions will be instantly looked up and access granted or denied as appropriate. Paxton tokens use Hitag2 technology with proprietary encoding which includes an authentication protocol in the form of a password exchange between the token and the reader. This provides an additional layer of security for your system.

Made in the UK

Paxton

TDS-1080-US

Net2 - Proximity ISO cards, without magstripe

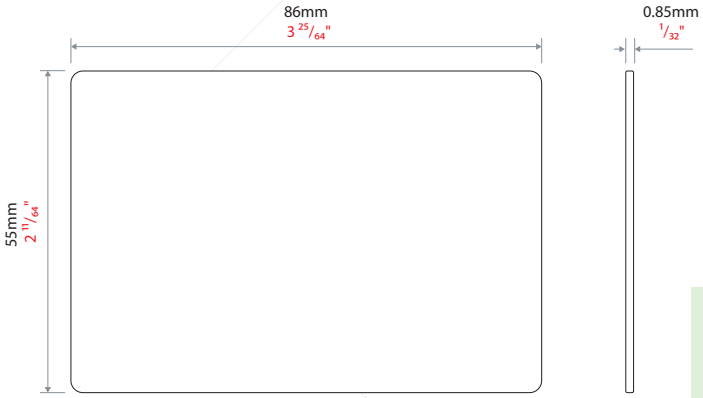
System specifications

Carrier frequency	125kHz

Hardware features

Material	Plastic
Signature strip	No
Magnetic stripe	No

Dimensions



Sales Codes

Net2 - Proximity ISO cards, without magstripe, pack of 10	692-500-US
Net2 - Proximity ISO cards, without magstripe, pack of 500	692-052-US

Net2 proximity ISO cards are for use with the Net2 system. The tokens are supplied in packs of 10 or 500.

To issue a token the user's details are entered using the PC software. The token number is then entered by presenting the token to the desktop reader.

Once programmed into the software the token is ready for use. Simply present the token to a reader, the access permissions will be instantly looked up and access granted or denied as appropriate. Paxton tokens use Hitag2 technology with proprietary encoding which includes an authentication protocol in the form of a password exchange between the token and the reader. This provides an additional layer of security for your system.

Made in the UK

Paxton

TDS-1079-US

Net2 - Hands free keycard

System specifications

Hands free read range	
P38	850 mm
P50	1.1 m
P75	2 m
P200	2.5 m
Long range reader	5 m
Press button - All readers	50 m
Battery type	1 x CR2430
Battery life	Typically 12 months

Hardware features

Material	Plastic

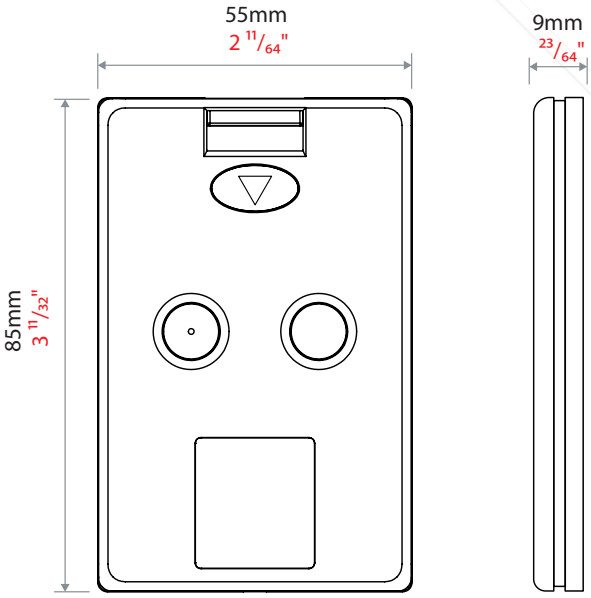
Electrical

Frequency	125kHz
Wireless frequency	2.4GHz

Environment

Operating Temperature	0°C - +55°C
Moisture resistance	No

Dimensions



Sales Codes

Net2 - Hands free keycard	690-333-US

Hands-free access control means the token that identifies a user is read from within a pocket or handbag. This is useful for gates and barriers, loading doors and where disabled or elderly people require access. The hands-free keyfobs, in conjunction with hands-free interface, achieve this using the unique wireless technology.

Tokens work in active and passive modes. They give a range of between 0.85m and 2.5m on any reader equipped with a hands-free interface. They work in passive mode with all other Paxton proximity readers. Enrolled onto the Net2 system using the standard desktop reader.

 1.0.2

Made in the UK

Paxton

TDS-1078-US

Net2 - Hands free keyfob

System specifications

Hands free read range	mm
P38	850
P50	1100
P75	2000
P200	2500
Long range reader	5000

Hardware features

Material	Plastic
Battery type	1 x CR2032

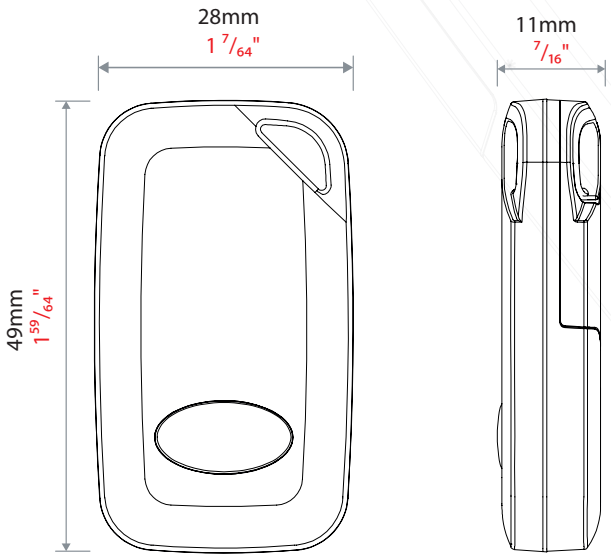
Electrical

Frequency	IEEE 802.15.4

Environment

Operating Temperature	32°F - +131°F
Moisture resistance	No

Dimensions



Sales Codes

Net2 - Hands free Keyfob	690-222-US

Hands-free access control means the token that identifies a user is read from within a pocket or handbag. This is useful for gates and barriers, loading doors and where disabled or elderly people require access. The hands-free keyfobs, in conjunction with hands-free interface, achieve this using the unique wireless technology.

Tokens work in active and passive modes. They give a range of between 0.85m and 2.5m on any reader equipped with a hands-free interface. They work in passive mode with all other Paxton proximity readers. Enrolled onto the Net2 system using the standard desktop reader.

Made in the UK

Paxton

TDS-1077-US

Net2 - Proximity keyfob

System specifications

Carrier frequency	125kHz

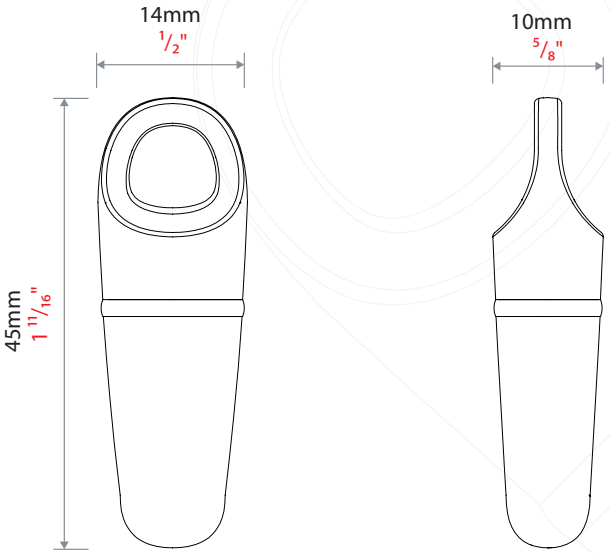
Hardware features

Material	ABS/Plastic

Environment

Moisture resistance	IPx7 (For up to 30 minutes)

Dimensions



Sales Codes

Net2 - Proximity keyfobs, pack of 10	695-644-US

For use with the Net2 system. Supplied in packs of ten.

To issue a token the user's details are entered using the PC software. The token number is then entered by presenting the token to the desktop reader.

Once programmed into the software, the token is ready for use. Simply present the token to a reader, the access permissions will be instantly looked up and access granted or denied as appropriate. Paxton tokens use Hitag2 technology with proprietary encoding which includes an authentication protocol in the form of a password exchange between the token and the reader. This provides an additional layer of security for your system.

Made in the UK

Paxton

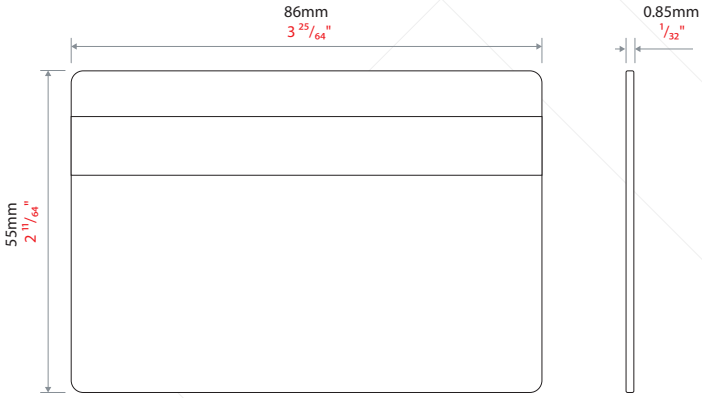
TDS-1076-US

Net2 magstripe card

Hardware features

Material	Plastic
Signature strip	Yes
Magnetic stripe	Yes

Dimensions



Sales Codes

Net2 magstripe cards - pack of 10	695-573-US

Magstripe cards are for use with the Net2 system. The tokens are supplied in packs of ten.

To issue a token the user's details are entered using the PC software. The token number is then entered by presenting the token to the desktop reader.

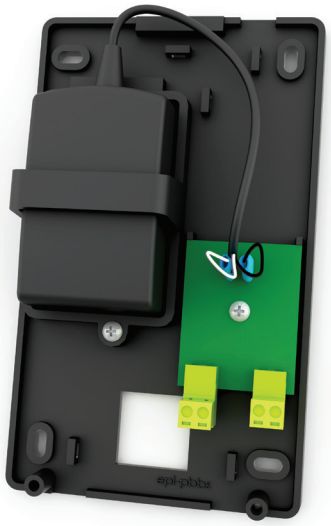
Once programmed into the software the token is ready for use. Simply present the token to a reader, the access permissions will be instantly looked up and access granted or denied as appropriate. Paxton tokens use Hitag2 technology with proprietary encoding which includes an authentication protocol in the form of a password exchange between the token and the reader. This provides an additional layer of security for your system.

Made in the UK

Paxton

TDS-1075-US

Paxton 12V 1A DC power supply – Plastic housing



System specifications

12V DC output	1

Electrical

Supply voltage input	100V AC - 240V AC
Output voltage	12 V dc
Output current	1000 mA
Frequency	50-60Hz

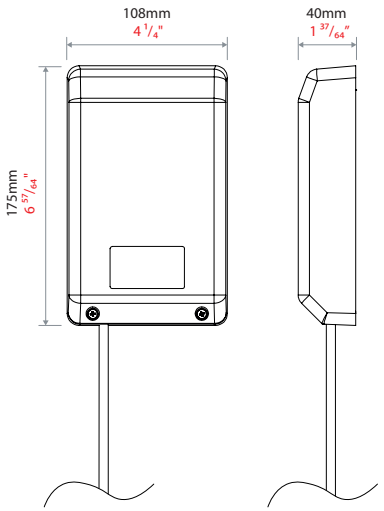
Hardware features

Back up battery	No

Environment

Operating temperature	-20°C - +55°C -4°F - +131°F
Moisture resistance	No

Dimensions



A compact 12V DC power supply for use with Paxton systems, designed to connect to a standard UK mains supply via a switched fused spur connection.

The 998-241-US is a 1A 12V dc power supply in a plastic enclosure. This is a low-cost alternative to the boxed backup power supplies, suitable for running small installations with low power requirements such as our standalone range of products; Compact & Switch2.

Sales Codes

Paxton 12V 1A DC power supply - Plastic housing	998-241-US

Made in the UK

Paxton

TDS-1074-US

Net2 proximity clamshell card

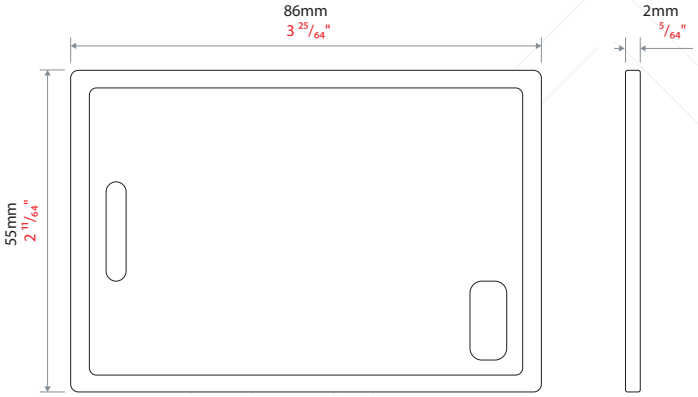
System specifications

Carrier frequency	125kHz

Hardware features

Material	ABS/Plastic

Dimensions



Sales Codes

Net2 proximity clamshell cards – Pack of 10	693-112-US

For use with the Net2 system. Supplied in packs of ten.

To issue a token the user's details are entered using the PC software. The token number is then entered by presenting the token to the desktop reader.

Once programmed into the software the token is ready for use. Simply present the token to a reader, the access permissions will be instantly looked up and access granted or denied as appropriate. Paxton tokens use Hitag2 technology with proprietary encoding which includes an authentication protocol in the form of a password exchange between the token and the reader. This provides an additional layer of security for your system.

Made in the UK

Paxton

DS1073-US

Net2 Watchprox

System specifications

Carrier frequency	125KHz

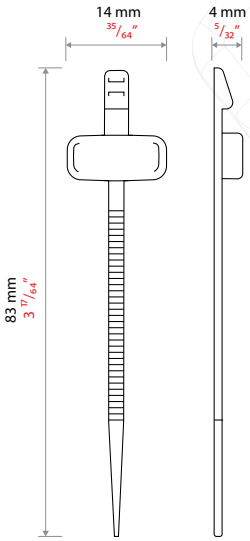
Environment

Moisture resistance	IP67

Other hardware features:

Material	Nylon

Dimensions



Net2 Watchprox can be attached to a watch or bracelet for convenient access through doors on a Net2 system. The Watchprox tokens are supplied in packs of 10.

To issue a Watchprox token the user's details are entered using the PC software. The token number is then entered by presenting the Watchprox to the desktop reader.

Once programmed into the software the token is ready for use. Simply present the token to a reader, the access permissions will be instantly looked up and access granted or denied as appropriate. Paxton tokens use Hitag2 technology with proprietary encoding which includes an authentication protocol in the form of a password exchange between the token and the reader. This provides an additional layer of security for your system.

Sales Codes

Net2 Watchprox - Silver, Pack of 10	698-574SL-US
Net2 Watchprox - Black, Pack of 10	698-574BL-US

Made in the UK

Paxton

DS1073-US

Net2 Watchprox

System specifications

Carrier frequency	125KHz

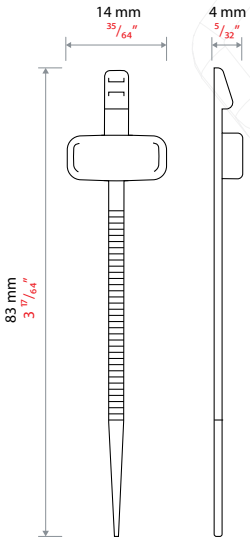
Environment

Moisture resistance	IP67

Other hardware features:

Material	Nylon

Dimensions



Net2 Watchprox can be attached to a watch or bracelet for convenient access through doors on a Net2 system. The Watchprox tokens are supplied in packs of 10.

To issue a Watchprox token the user's details are entered using the PC software. The token number is then entered by presenting the Watchprox to the desktop reader.

Once programmed into the software the token is ready for use. Simply present the token to a reader, the access permissions will be instantly looked up and access granted or denied as appropriate. Paxton tokens use Hitag2 technology with proprietary encoding which includes an authentication protocol in the form of a password exchange between the token and the reader. This provides an additional layer of security for your system.

Sales Codes

Net2 Watchprox - Silver, Pack of 10	698-574SL-US
Net2 Watchprox - Black, Pack of 10	698-574BL-US

Made in the UK

Paxton

TDS-1058-US

Proximity Metal, KP75, MIFARE®

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	MIFARE® Classic MIFARE® Classic 1k MIFARE® DESFire® EV1 MIFARE Plus® MIFARE Ultralight® MIFARE Ultralight C® MIFARE® Plus MIFARE Mini®	
MIFARE compatibility	CSN	
Cover material	Metal	
Handsfree compatible	No	

Electrical

Operating Voltage	12V DC
Current consumption	180mA - 200mA

Environment

Operating temperature	-35°C - +66°C -31°F - +151°F
Safe use temperature	-35°C - +50°C -31°F - +122°F
Moisture resistance *	IPX7
Vandal Resistance	Medium

The KP75 MIFARE® keypad reader is a RFID/Keypad combinations device that offers the convenience of contactless authentication, or the added security of PIN/Prox entry, for system users.

They are available for use with Net2 systems.

The readers are supplied with a metal bezel.

The reader is wired as shown on the control unit label.

A token is read by holding it within close proximity of the reader.

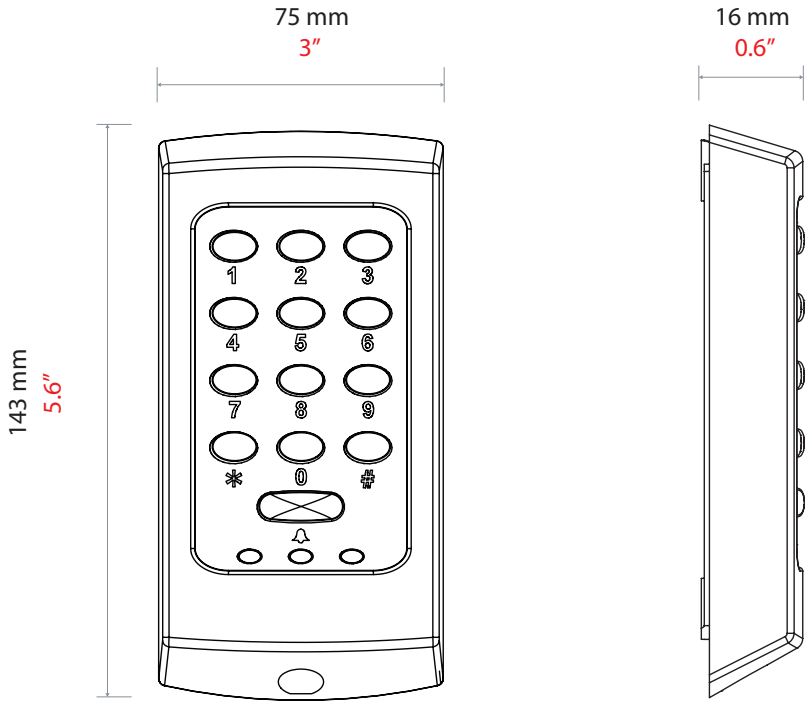
Once a token has been read the control unit looks up the access permissions of that user. The control unit verifies the information and grants or denies access as appropriate.

By default, all 3 LEDs are lit. If access is granted, the green LED flashes. If access is denied, the red LED flashes.'

*Please note this product is not recommended for a marine environments.

Dimensions

KP75



Accessories and sales codes

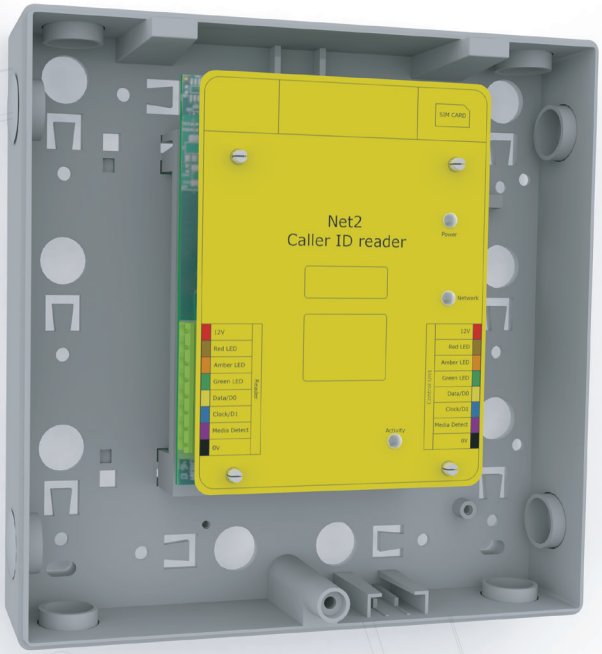
Proximity Metal, KP75, MIFARE®	375-130-US

Made in the UK

Paxton

TDS-1045-US

Net2 Caller ID reader



System specifcations

Phone support	Caller ID enabled
Carrier frequency	Quad band GSM
Additional PSU needed	No
SIM provided	No
Network Supported	2G only

Electrical

Operating Voltage	10V - 14V DC
Current consumption	500mA

Environment

Operating temperature	-20°C - +55°C -4°F - +131°F
Moisture resistance	No - if used externally, it must be protected in a weatherproof housing
Vandal Resistance	Low

The Net2 Caller ID reader enables phones to be used as Net2 tokens, without incurring any call charges, through caller ID (CLID) technology.

The Net2 Caller ID reader is installed between an existing Net2 reader (if there is one) and any Net2 control unit, the Net2 reader will function as normal.

The Net2 Caller ID reader is powered from the reader port and can be connected to either reader port 1 or 2. If you wish it can be installed as your only reader.

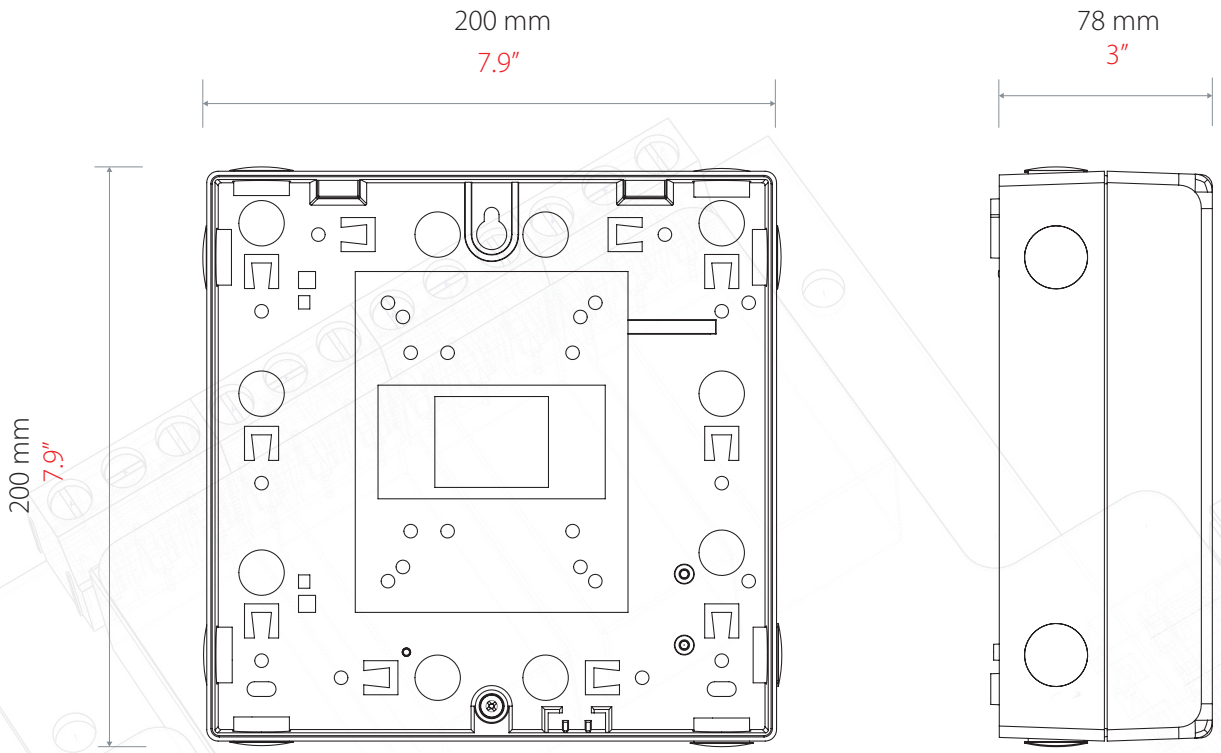
The Net2 Caller ID reader uses the last 8 digits of your phone number as the token number. It uses the caller ID feature so it is able to identify the caller without making a connection.

A 2G mobile SIM is required, not provided by Paxton, along with an active celluar plan.

To add your phone as a token within the Net2 software, enter the last 8 digits of your phone number as the token number.

The Net2 Caller ID reader means that you no longer need tokens so it's great for remote clocking in, communal entrances, infrequently visited sites, switching power, letting the kids in and of course, car park barriers.

Dimensions



Accessories and sales codes

Net2 Caller ID reader	460-210-US

Made in the UK

Paxton

TDS-1044-US

Net2 - I/O board

System specifcations

Inputs	4
Relay outputs	4

Electrical

Operating Voltage	10V - 24V DC
Current consumption	400mA
Relay contact current rating	13A
Relay contact isolation	4kV AC
Relay contact voltage	240V AC
Relay contact frequency	50Hz

Communication

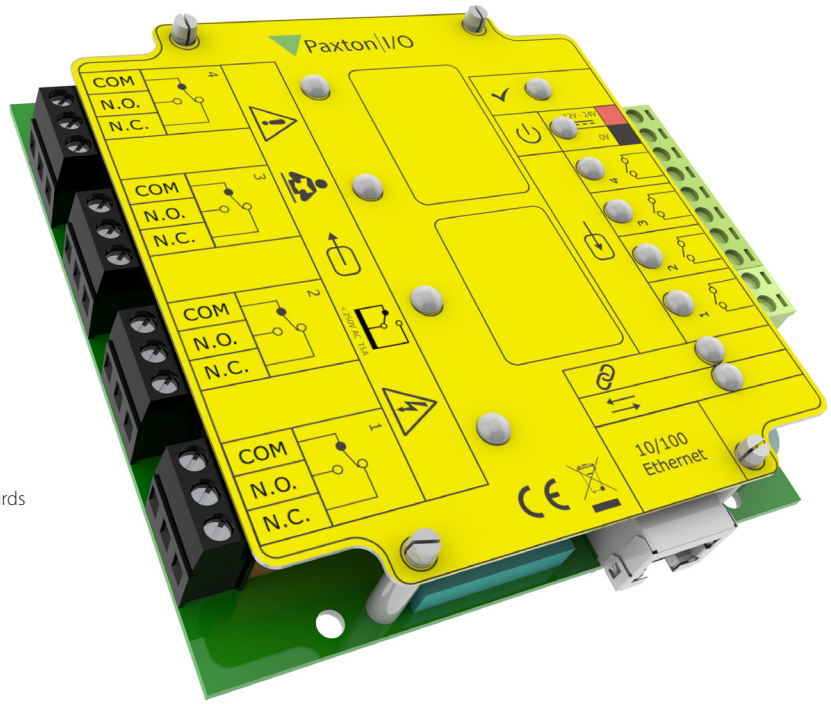
TCP/IP	Yes (Maximum 200 including other ethernet devices - Net2 Plus, I/O Boards
Wireless	No
RS485	No
Ethernet network speed	100Mbit/s auto MDIX
Ethernet bandwidth requirement	200 kbits/sec
DHCP support (fixed IP recommended)	Yes

Environment

Operating temperature	-20°C - +55°C -4°F - +131°F
Moisture resistance	No - if used externally, it must be protected in a weatherproof housing
Vandal Resistance	Low

Certifications

FCC Part 15	✓

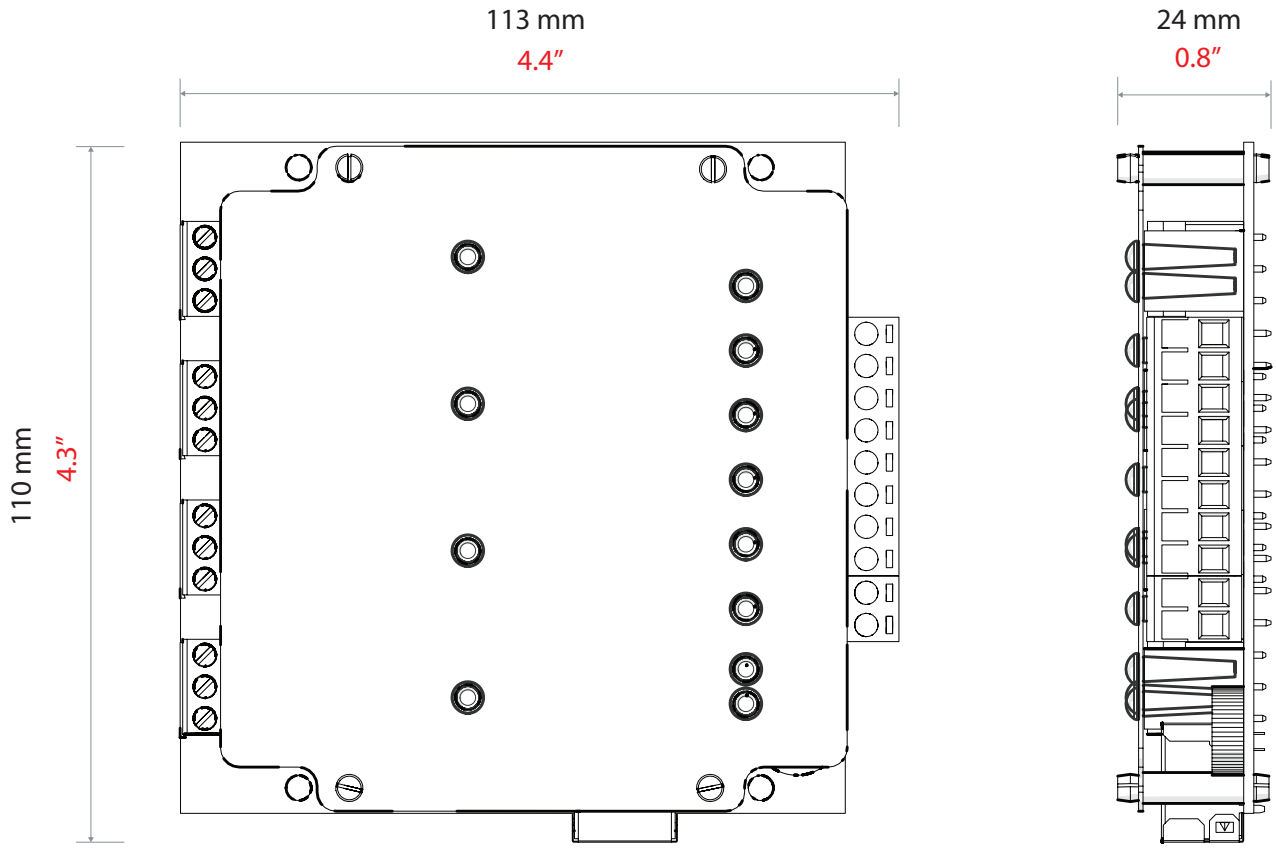


The Net2 I/O board is simple, yet powerful addition to the Net2 system. It can be wired alongside a Net2 door controller, to switch power on and off to electrical equipment to save money and energy. The board can control lighting, heating, water and air conditionoing by using the triggers and actions application in the Net2 software. These actions can be programmed for a particular time, or in response to a specific Net2 event.

The Net2 I/O board consists of 4 inputs and 4 outputs. It connects directly to a LAN/WAN via an onboard RJ45 connector and can be distributed around a building as required. The I/O board can be supplied as PCB only, in a plastic housing or mounted within a 2A boxed plastic mains monitored backup power supply.

Please note, I/O boards work as part of the Net2 system. They are not door controllers.

Dimensions



Accessories and sales codes

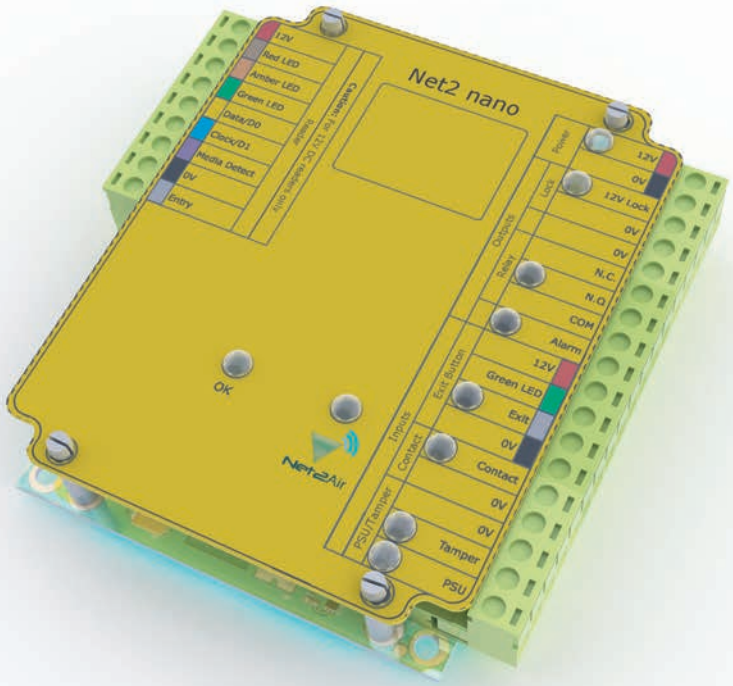
Net2 - I/O board	489-710-US	Net2 - I/O board with Plastic housing	385-710-US
Net2 - I/O board, 2A PSU with plastic cabinet	411-623-US		

Made in the UK

Paxton

TDS-1043-US

Net2 - ano



System specifcations

Maximum total users/tokens	10,000
PIN Length	4
Number of codes	50
Code length	4 - 8
Number of time zones	64
Number of access levels	250
Stored events	3800
Data retention during a total power loss	60 days
Handsfree compatible	Yes - requires interface
Clock and data	Yes
26 bit Wiegand	Yes (Max 50 bits)
Custom Wiegand	Yes (Max 50 bits)
Silent operation	No
Door open time	1 sec - 999,999 secs

Electrical

Operating Voltage	10V - 14V DC
Current consumption	120mA
Relay switchable voltage	24V DC
Relay switchable current	4A
Alarm output current	1A

Communication

TCP/IP	No
Wireless	Yes
RS485	No
Recommended wireless devices per Net2Air Bridge	10
Optimum wireless range	20m/65ft
Encryption	AES 128bit

Hardware

Reader ports per ACU	1
Readers/Keypads per ACU	2 - check current draw on individual readers
Total ACU reader port output current	500mA
3rd party reader support	Yes - if compatible
Reader cable type	Belden 9540/9538 General Cableequivalent C0745A General Cable equivalent C0744A

Features

Input for exit button	Yes
Input for door contact	Yes
Alarm/bell output	Yes
12V DC lock output	1.1 Amp

Environment

Operating temperature	0°C - +55°C +32°F - +131°F
Moisture resistance	No - if used externally, it must be protected in a weatherproof housing
Vandal Resistance	Low

Net2 nano communicates with Net2 software at a central point by a secure, low power radio link. This means that your installation is more cost effective and less disruptive as no cable is required to communicate between doors. In addition, Net2 nano benefits from unique ease of installation and configuration - no knowledge of networks is required.

One Net2 nano controls a single door, gate or barrier. It may be installed as part of a Net2 installation alongside other Net2 nano, Net2 plus or Net2 classic access control units.

Simply connect a Net2Air USB bridge to the central Net2 server PC and the Net2 software will discover and communicate with Net2 nano control 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, a Net2Air Ethernet bridge may be used to extend the communication distance from the central server PC.

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

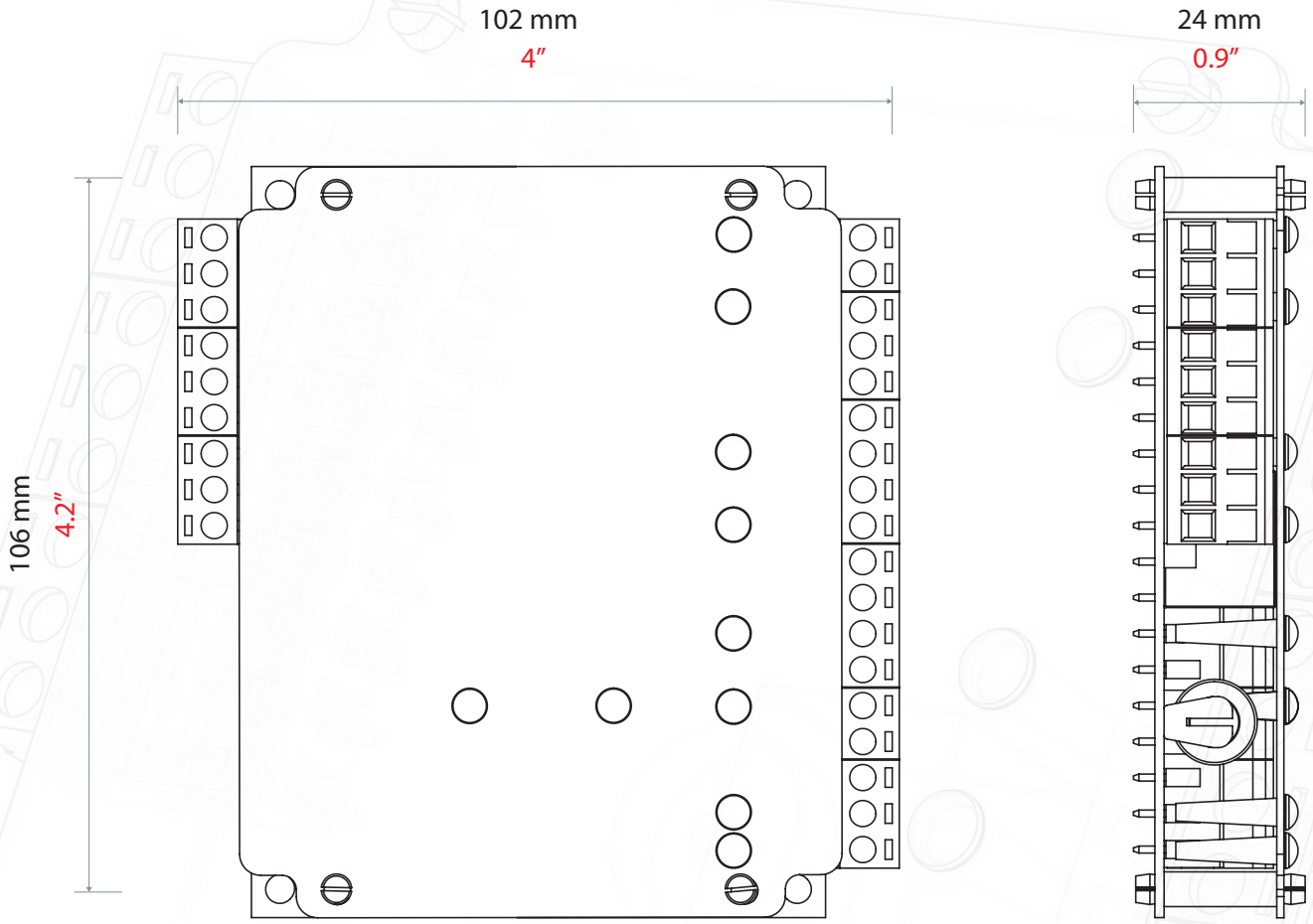
Other hardware features:

- Volt free control relay
- Input for PSU fail
- Input for tamper
- Integrated lock diodes

Certifications

UL 294 ✓

Dimensions



Accessories and sales codes

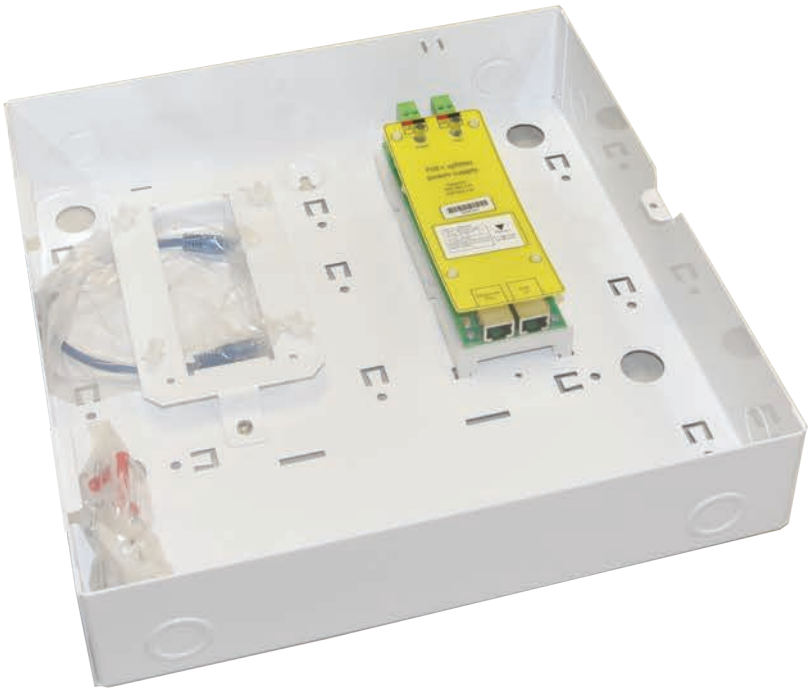
Net2 - Nano 1 door controller, 12V 2A PSU, plastic cabinet	654-910-US

Made in the UK

Paxton

TDS-1042-US

Power over Ethernet (PoE) in cabinet



System specifications

Cabinet construction	ABS plastic/ Powder coated metal
12V DC outputs	2
Cable type	CAT5
UL 294 Rated	Yes
ACU integration	Net2 Plus

Electrical

Supply voltage input	36V - 57V DC (0.83A)
Output current	12V DC (2A)
Output current (PoE+ AT type 2)	1.5A
Output power (PoE+ AT type 2)	20.4W
Output current (AF - AT type 1)	0.8A
Output power (AF - AT type 1)	10.36W

Other hardware features

Mains failure warning	No
Removable rising clamp terminal blocks	Yes
Tamper switch	Yes
Fitting kit	Yes

Environment

Operating Temperature	0°C - +45°C +32°F - +113°F
Moisture resistance	No - if used externally, it must be protected in a weatherproof housing
Vandal Resistance	Low
Plenum rated	Yes

Certifications

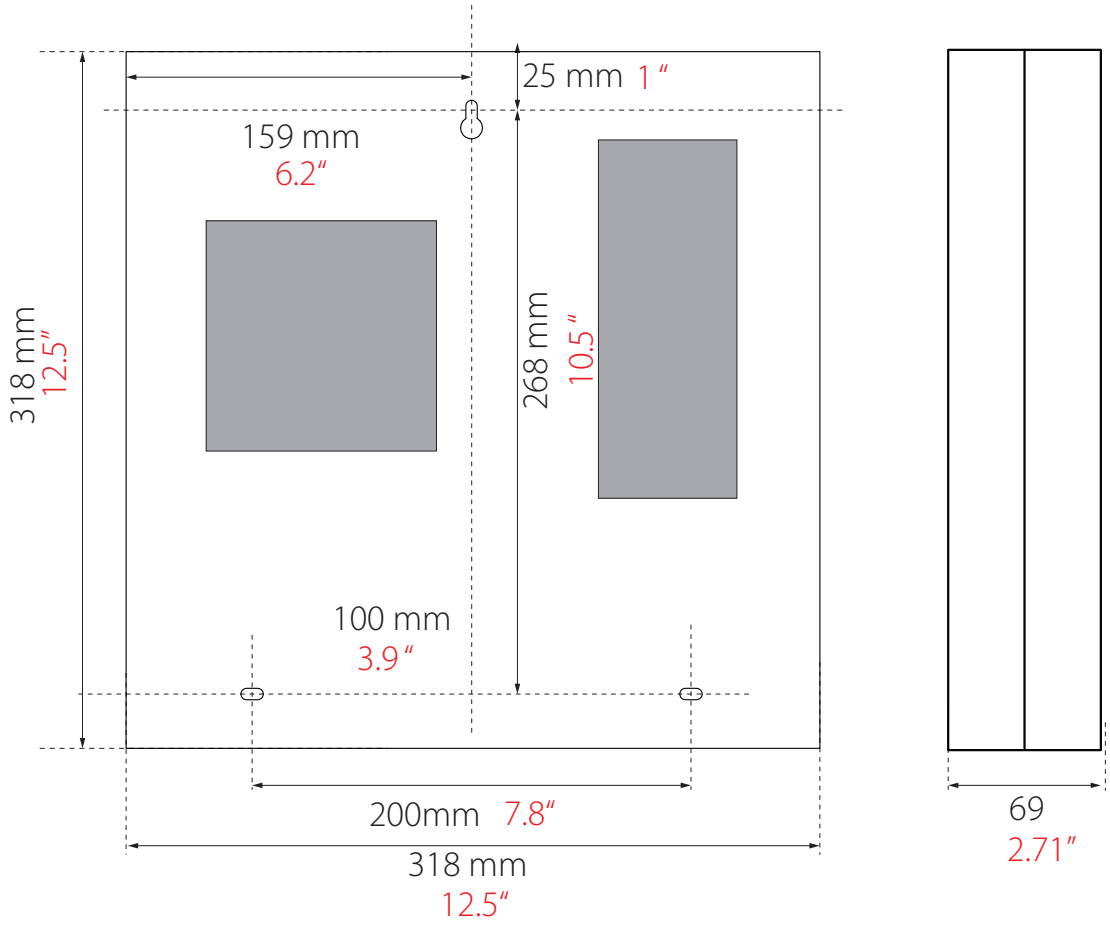
FCC Part 15	✓
UL 294	✓

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 ACU's 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. 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.

Net2 plus control units with PoE are 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.

Dimensions



Accessories and sales codes

Net2 Plus - US Metal Enclosure Only	857-600-US
Net2 - PoE+ power supply in metal cabinet	857-630-US
Net2 Plus - 12/24V DC 2A power supply, with metal cabinet	857-610-US

Made in the UK

Paxton

TDS-1041-US

12/24V 2A AC/DC PSU in cabinet

System specifications

Cabinet construction	ABS plastic/ Powder coated metal
12V DC outputs	2
24V DC outputs	1
Cable type	Twin core flex
PSU type	Switch mode
UL 294 Rated	Yes
ACU integration	Net2 Plus, Net2 nano

Electrical

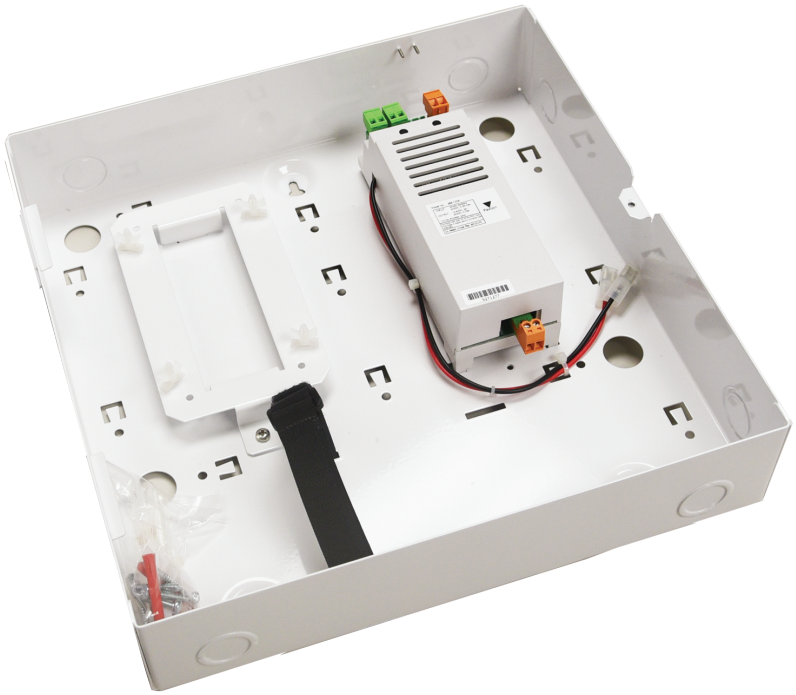
Supply voltage input	24V AC/DC
Output current	12V DC (2A) 24V DC (0.75A)
Battery charging current	1A
Frequency	50 - 60Hz

Other hardware features

Mains failure warning	Yes
Removable rising clamp terminal blocks	Yes
Back up battery	Optional
Tamper switch	Yes
Fitting kit	Yes

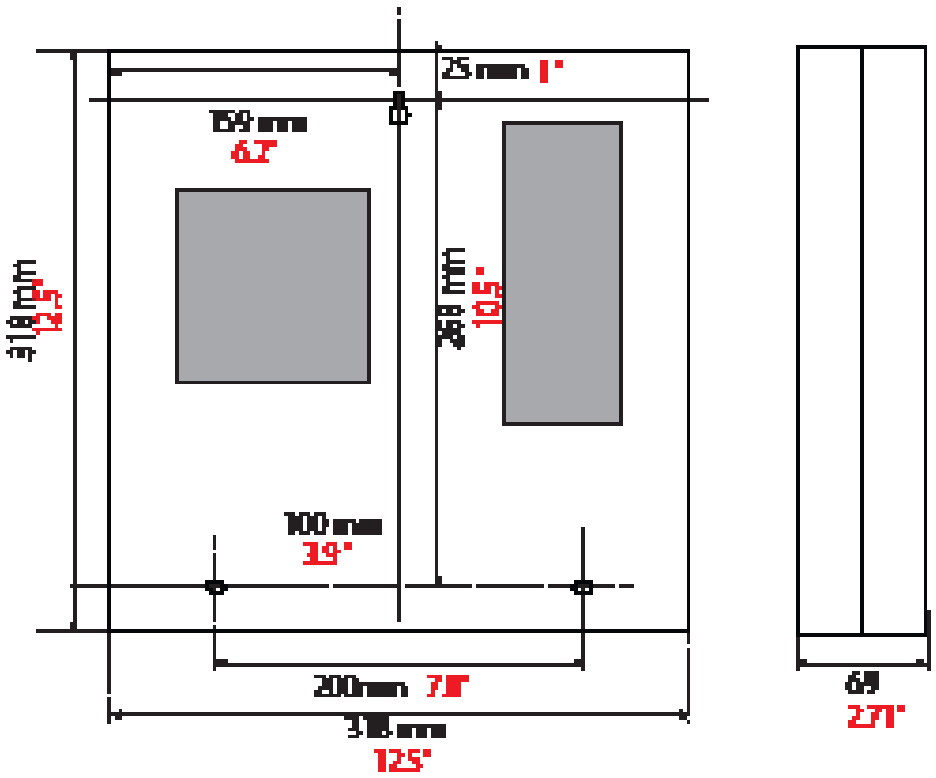
Environment

Operating Temperature	0°C - +45°C +32°F - +113°F
Moisture resistance	No - if used externally, it must be protected in a weatherproof housing
Vandal Resistance	Low



The 12/24V 2A AC/DC Power supply unit is available in either a plastic or metal cabinet. The cabinet can house both the 12/24V 2A AC/DC PSU and a Net2 ACU with the option to accomodate a 12V/7Ah back up battery if desired. A tamper switch is also installed which registers an alarm if the lid is opened when connected to an ACU. Please note that the Net2 nano ACU is not available for integration within the metal cabinet.

Dimensions



Accessories and sales codes

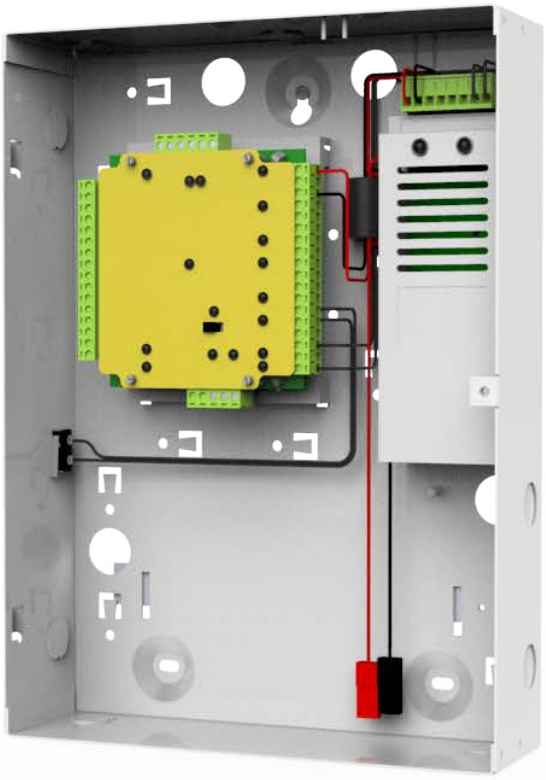
12/24V PSU Only	857-080-US
Metal Enclosure Only	857-600-US
12/24V 2A AC/DC power Supply - Metal Cabinet	857-610-US

Made in the UK

Paxton

TDS-1040-US

12V 2A PSU in cabinet



System specifications

Cabinet construction	ABS plastic/ Powder coated metal
12V DC outputs	3
Double insulated PSU	Yes
Cable type	2 way plug UL
PSU type	Switch mode
ACU integration	Net2 Plus, Net2 classic, Net2 nano, I/O board

Electrical

Supply voltage input	100 - 240V AC (1.2A)
Output current	12V DC (2A)
Battery charging current	1A
Frequency	50 - 60Hz

Other hardware features

Mains failure warning	Yes
Removable rising clamp terminal blocks	Yes
Back up battery	Optional
Tamper switch	Yes
Fitting kit	Yes

Environment

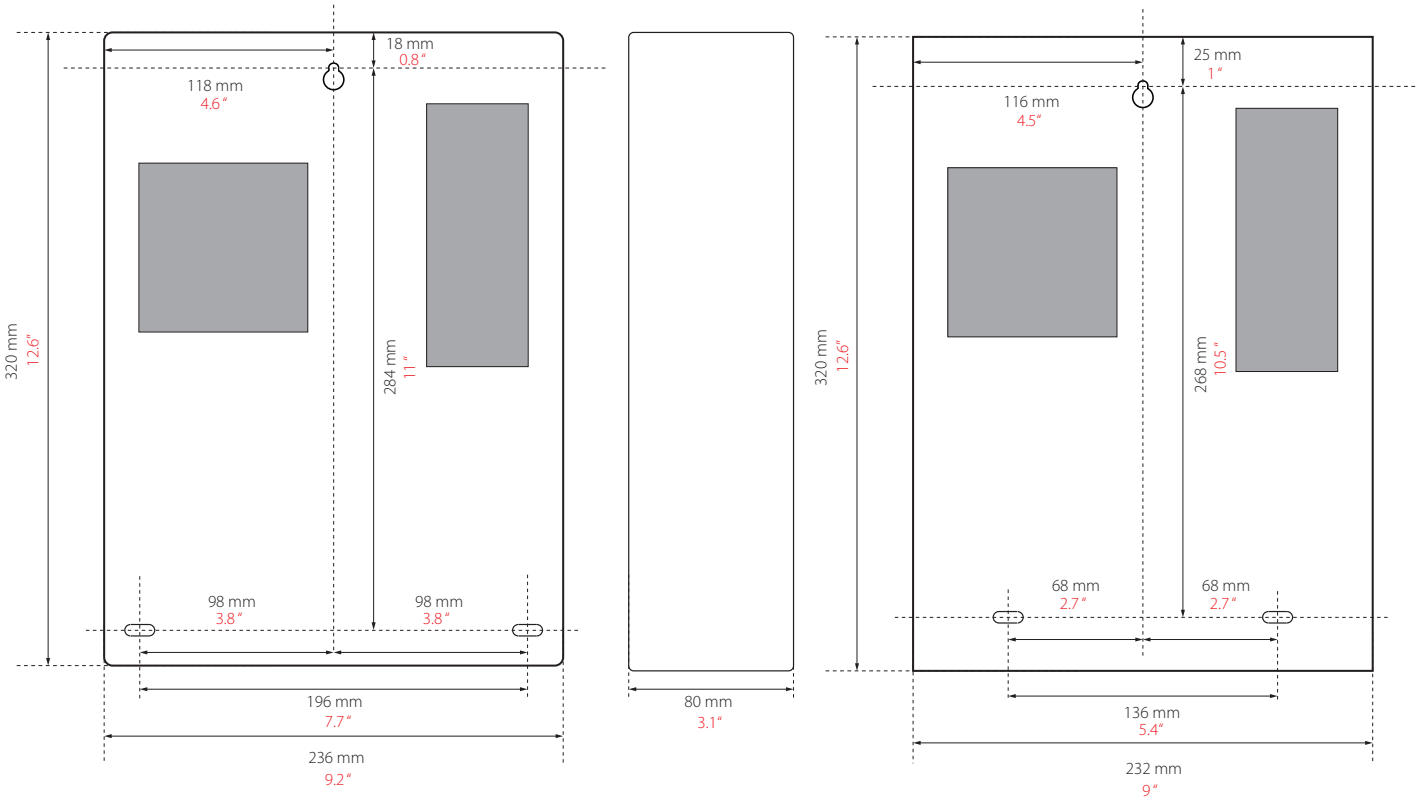
Operating Temperature	0°C - +45°C +32°F - +113°F
Moisture resistance	No - if used externally, it must be protected in a weatherproof housing
Vandal Resistance	Low

Certifications

FCC Part 15	✓

The 12V 2A Power supply unit is available in either a plastic or metal cabinet. The cabinet can house both the 12V 2A PSU and a Net2 or I/O ACU with the option to accomodate a 12V/7Ah back up battery if desired. A tamper switch is also installed which registers an alarm if the lid is opened when connected to an ACU or I/O board. Please note that the Net2 nano ACU and I/O board are not available for integration within the metal cabinet.

Dimensions



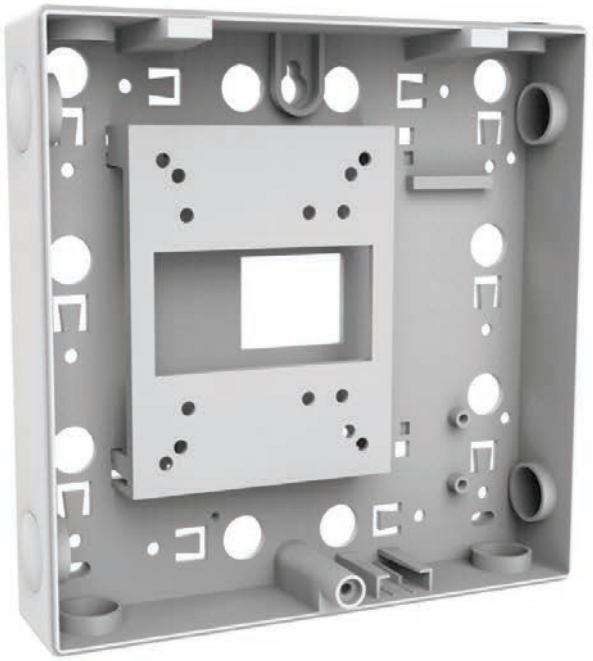
Accessories and sales codes

Entry - Control unit	337-727-US
Net2 - I/O board, 2A PSU with plastic cabinet	411-623-US

Made in the UK

Paxton

Plastic housing



System specifications

Cabinet construction	ABS Plastic
ACU integration	Net2 Plus, Net2 classic, Net2 nano, Switch2, I/O board

Other hardware features

Tamper switch	Yes
Fitting kit	Yes

Environment

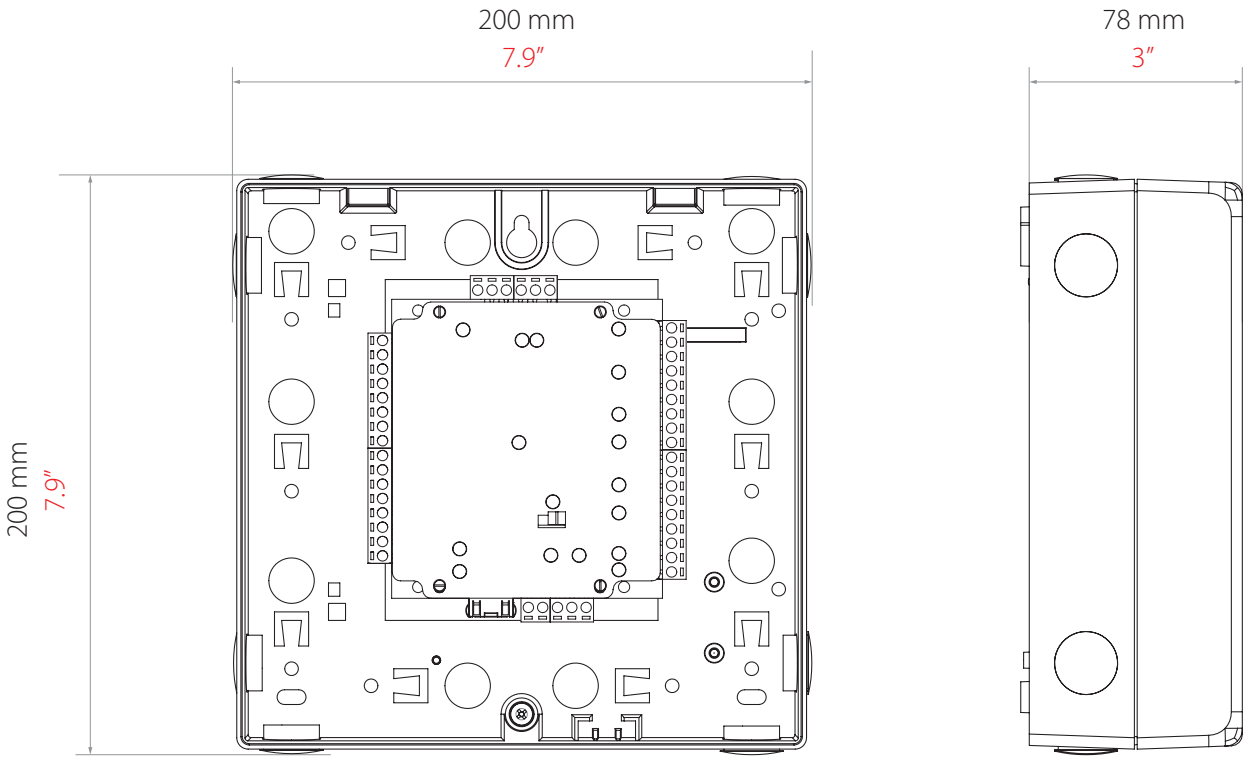
Moisture resistance	No - if used externally, it must be protected in a weatherproof housing
Vandal Resistance	Low

Certifications

UL 294	682-528-US 654-549-US

The single plastic housing is available for integration with a selection of different Paxton ACU's. A tamper switch is also installed which registers an alarm if the lid is opened when connected to an ACU. If integrating a Switch2 within the plastic housing, the 12V 1A PSU can also be fitted inside the enclosure to power the Switch2 control unit.

Dimensions



Accessories and sales codes

Net2 Plus - 1 door ACU in plastic housing	682-528-US	Net2 - I/O board with Plastic housing	385-710-US
Switch2 - ACU and 1A PSU, with plastic housing	242-166-US		

Made in the UK

Paxton

Net2 Plus

TDS-1038-US

System specifcations

Maximum total users/tokens	50,000
PIN Length	4 - 8
Number of codes	50
Code length	4 - 8
Number of time zones	64
Number of access levels	250
Stored events	2500+
Data retention during a total power loss	30 days
Handsfree compatible	Yes - requires interface
Clock and data	Yes
26 bit Wiegand	Yes (Max 50 bits)
Custom Wiegand	Yes (Max 50 bits)
Silent operation	Yes
Door open time	1 sec - 5000 secs

Electrical

Operating Voltage	12VDC ±20% or 24VDC ±20%
Current consumption	200mA @ 12VDC
Relay switchable voltage	24V DC
Relay switchable current	4A max
Alarm output current	1A

Communication

TCP/IP	Yes (Maximum 200 including other ethernet devices - AirBridges, I/O Boards)
Wireless	No
RS485	Yes
Ethernet network speed	100Mbit/s auto MDIX
Ethernet bandwidth requirement	200 kbits/sec
DHCP support (fixed IP recommended)	Yes

Hardware

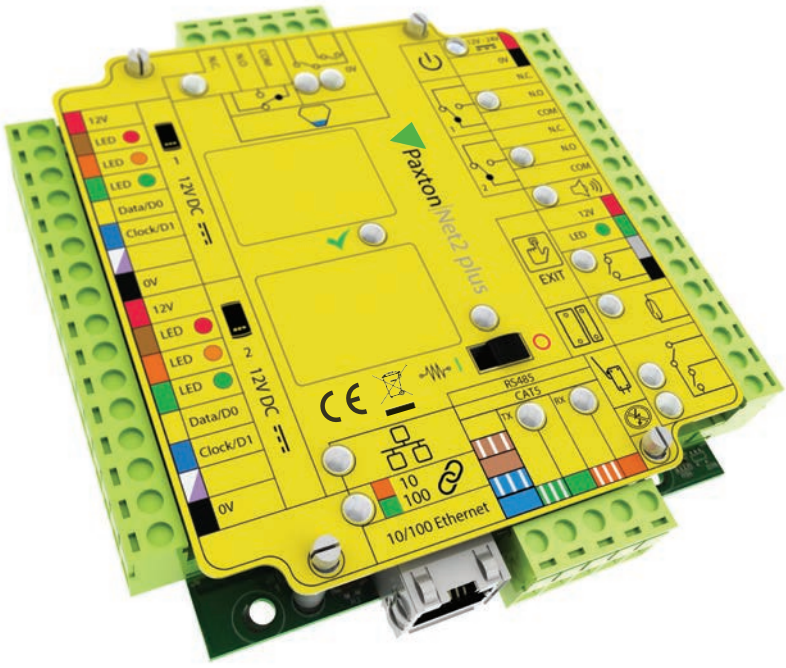
Reader ports per ACU	2
Readers/Keypads per ACU	4 - check current draw on individual readers
Total ACU reader port output current	500mA
3rd party reader support	Yes - if compatible
Reader cable type	Belden 9540 or General Cable equivalent C0745A
Network cable type	CAT5, Belden 8723 or General Cable equivalent C1352A

Features

Input for exit button	Yes
Input for door contact	Yes
Alarm/bell output	Yes

Environment

Operating temperature	0°C - +55°C / +32°F - +131°F
Moisture resistance	No - if used externally, it must be protected in a weatherproof housing
Vandal Resistance	Low
Plenum rated	Yes



Note: This is a 24V PSU with 12/24V output. The requirement for this power supply is that there is a 24V circuit on the site. Alternatively a transformer to step down from 110V to 24V will be required.

Net2 plus is a single door access control unit and is the most advanced control unit in the Paxton range. Employing the latest technology, it offers huge potential for future expansion and as security technology develops, Net2 plus can take full advantage. Unlike many systems of its type, Net2 plus is truly future-proof. Using Net2 plus ensures that the investment in access control is safe no matter how the system requirements change.

Net2 plus has on-board TCP/IP to allow direct connection to a computer network. This can save time, money and result in a better, more resilient system. Net2 plus control units can also be connected together using a dedicated RS485 network. This reduces the number of TCP/IP network points required for larger systems.

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

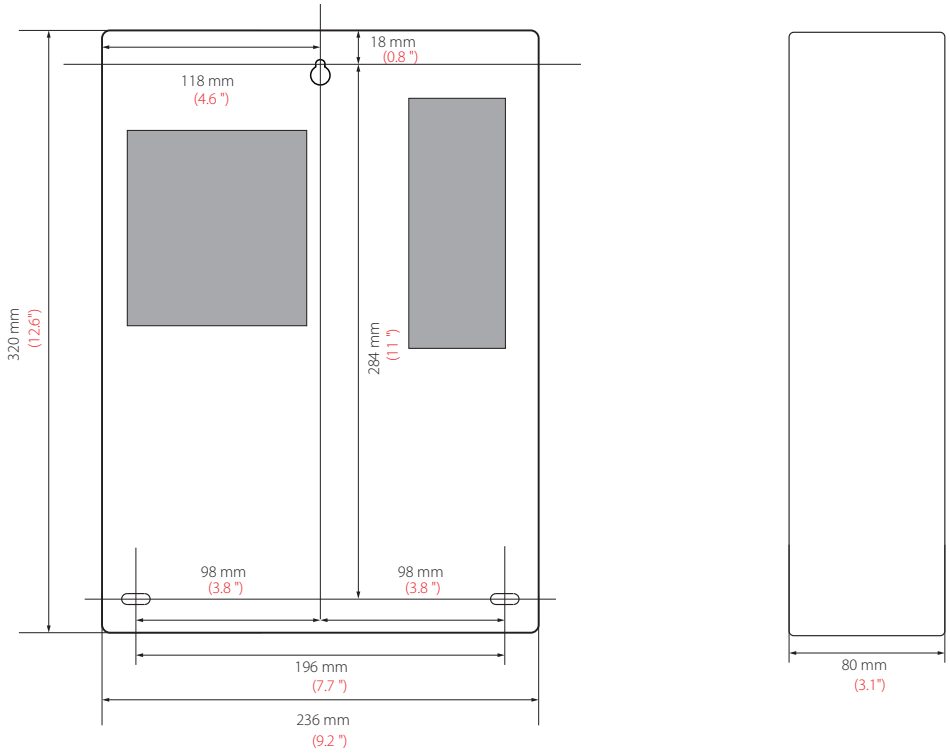
Other hardware features:

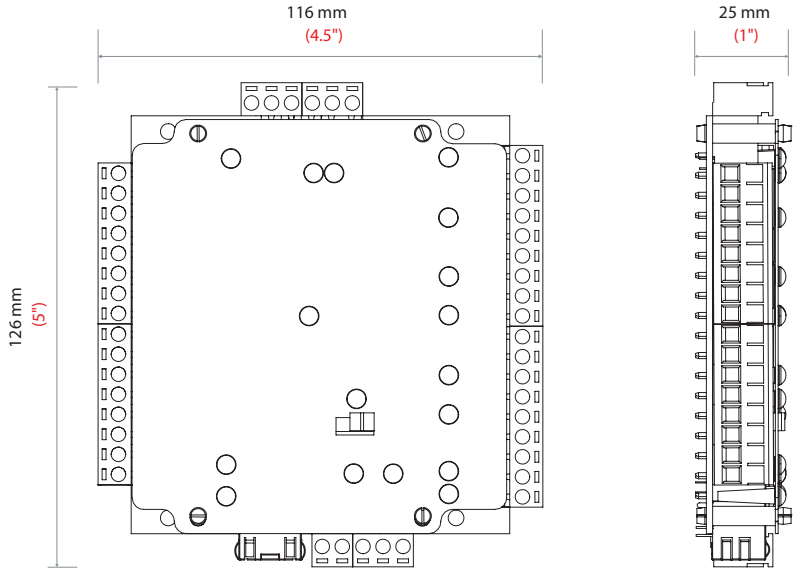
- Volt free control relay
- Input for PSU fail
- Input for tamper
- Integrated termination resistors
- Dedicated intruder alarm

Certifications

FCC Part 15	✓
UL 294	✓

Dimensions





Accessories and sales codes

Net2 Plus - 1 door access control unit	682-493-US	Net2 Plus - 1 door ACU in plastic housing	682-528-US
Net2 Plus - In US Metal Enclosure with 12/24V PSU	682-610-US	Net2 Plus - In US Metal Enclosure with 12V or 24V PSU with trigger disconnect	682-620-US
Net2 Plus - In US Metal Enclosure with PoE+ PSU	682-630-US		

Made in the UK

Paxton

TDS-1035-US

Net2 - Desktop reader, proximity and magstripe USB

System specifcations

Cable type	USB
Proximity	Yes
Magstripe	Yes
Token compatibility	Paxton, EM4100/02

Electrical

Operating Voltage	5V
Current consumption	100mA

Environment

Operating temperature	0°C - +55°C +32°F - +131°F
Moisture resistance	No

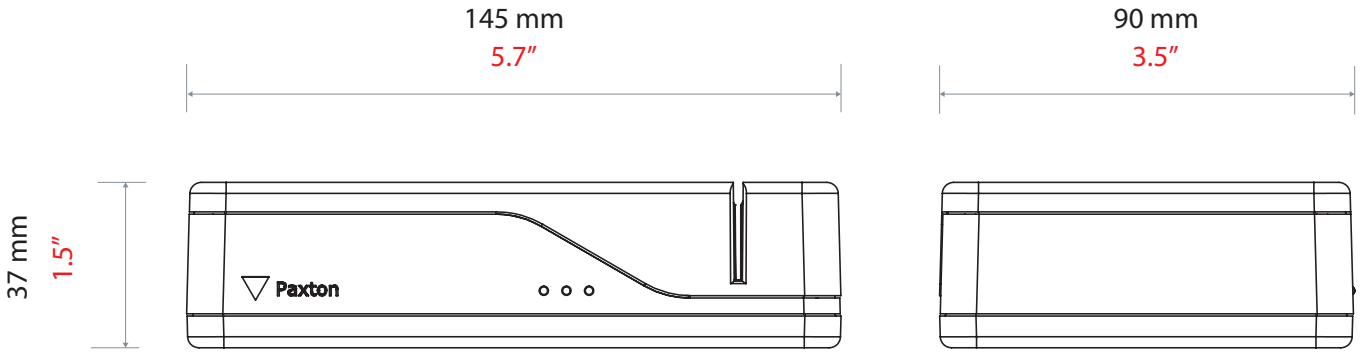
The proximity and magstripe desktop reader is designed to sit next to the PC. It is used for adding tokens to a Net2 system. It can also be used for identifying lost tokens.

Simply plug into the USB port. No other connections are necessary. Additional workstations can also have desktop readers.

If a new token is presented to the desktop reader then the new user wizard will appear with the appropriate card number. The name and details of the new user can be entered and the token issued.

If a token which is already known to the system is presented to the desktop reader, then the relevant users' record will appear.

Dimensions



Accessories and sales codes

Net2 - Desktop reader, proximity and magstripe USB	350-910-US	Net2 - Desktop reader, USB	514-326-US

Made in the UK

Paxton

TDS-1034 -US

Net2 - Desktop reader, USB

System specifications

Cable type	USB
Proximity	Yes
Magstripe	No
Token compatibility	Paxton, EM4100/02, MIFARE®, MIFARE ® Classic, MIFARE® DESFire® EV1, MIFARE Plus®, MIFARE Ultralight®, MIFARE Ultralight C®, MIFARE Mini®, HID® Prox (activiation required)

Electrical

Operating Voltage	5V
Current consumption	100mA

Environment

Operating Temperature	0°C - +55°C +32°F - +131°F
Moisture resistance	No

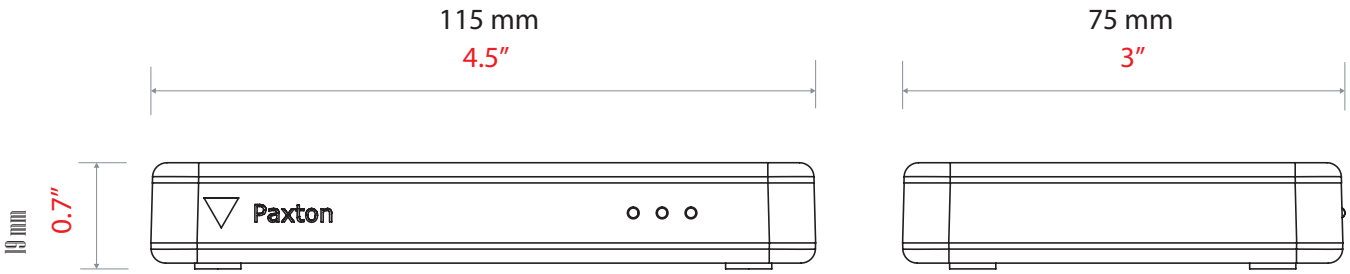
The desktop reader is designed to sit next to the PC. It is used for adding tokens to a Net2 system. It can also be used for identifying lost tokens. Both proximity and magstripe versions are available. The proximity version also reads Mifare tokens.

Simply plug into the USB port. No other connections are necessary. Additional workstations can also have desktop readers.

If a new token is presented to the desktop reader then the new user wizard will appear with the appropriate card number. The name and details of the new user can be entered and the token issued.

If a token which is already known to the system is presented to the desktop reader, then the relevant users' record will appear.

Dimensions



Accessories and sales codes

Net2 - Desktop reader, USB	514-326-US	Net2 - Desktop reader, proximity and magstripe USB	350-910-US

Made in the UK

Paxton

TDS-1033-US

Paxton exit button - Marine

System specifcations

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Versions	Satin or bright chrome	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	220mA

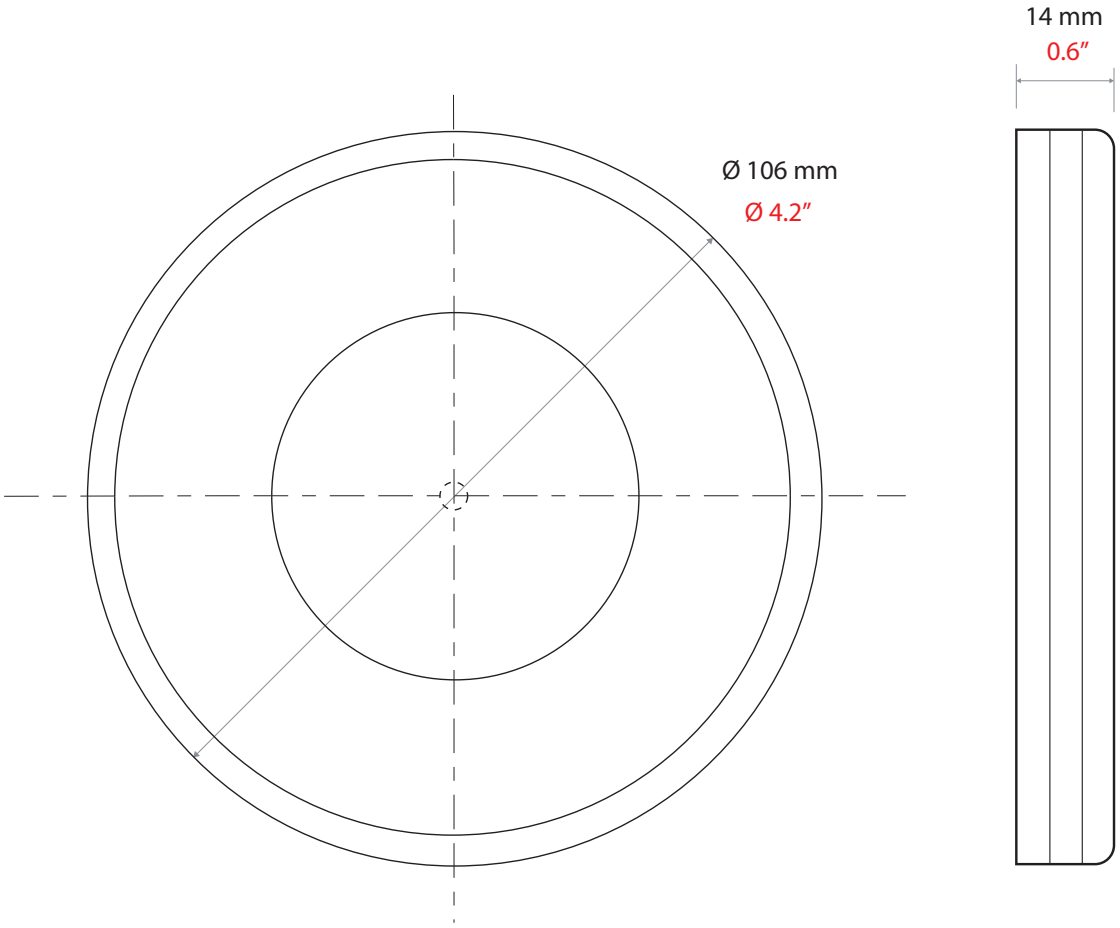
Environment

Operating temperature	-25°C - +55°C -4°F - +131°F
Moisture resistance	Yes
Vandal Resistance	Medium
Outdoor rated	No

Exit buttons may be used with Compact, Switch2 or Net2 systems. The Marine exit button is designed for looks as well as function. It uses a touch sensitive lens. The Marine exit button is suitable for interior use.

To operate, just touch the lens, the door opens and the exit button which is normally backlit green, flashes (only when used with Switch2 and Net2).

Dimensions



Accessories and sales codes

Paxton exit button - Marine	593-721-US

Paxton

TDS-1032-US

Paxton Exit - E50 & E75

System specifcations

Cable Length	5m/16ft (Screw connector - None)	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Additional coloured covers available	Yes	
Handsfree compatible	No	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	70mA

Environment

Operating temperature	-20°C - +55°C -4°F - +131°F
Moisture resistance	No
Vandal Resistance	Medium

Certifications

FCC Part 15	✓

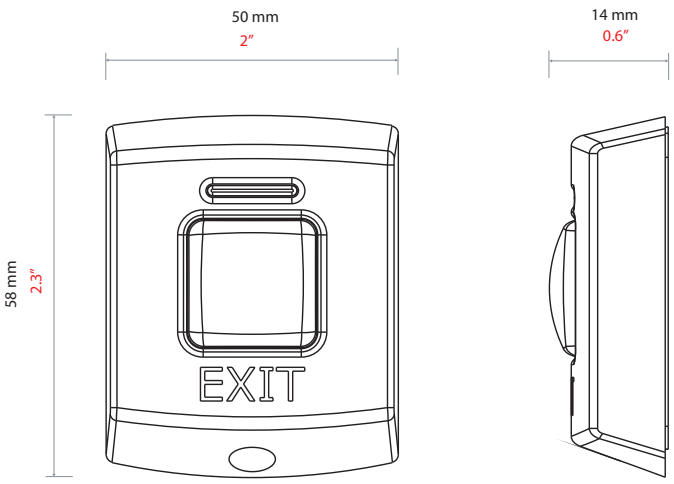
Exit buttons may be used with Compact, Switch2 or Net2 or Paxton10 systems. They are supplied with a choice of black or white covers. The E series exit buttons are available in three sizes and are only suitable for interior use.

The E75 exit button fits on a standard UK recessed backbox.

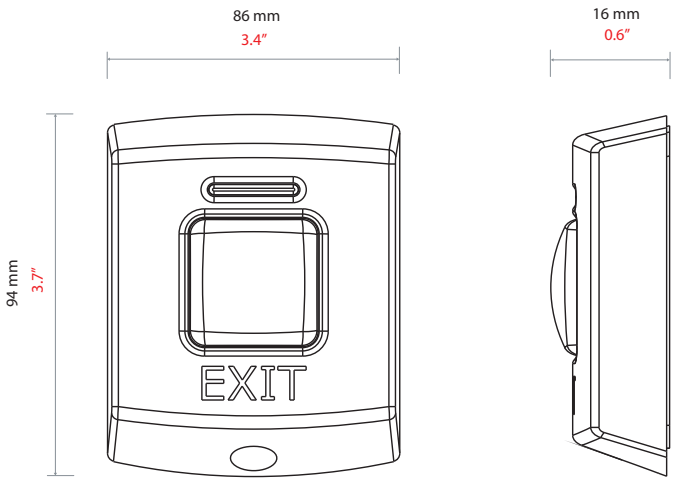
The green LED is lit continuously. When the exit button is pressed, the green LED flashes to indicate that the door is unlocked (only when used with Switch2 and Net2).

Dimensions

E50



E75



Accessories and sales codes

Paxton Exit button - E50	356-310-US	Paxton Exit button - E75	376-310-US

Made in the UK

Paxton

TDS-1023-US

TOUCHLOCK vandal resistant, metal

System specifcations

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Material	Zinc Alloy (Chrome plated)	
Backlit Keypad	Yes	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	120mA

Environment

Operating temperature	-20°C - +55°C -4°F - +131°F
Moisture resistance	IPX7
Vandal Resistance	High

Certifications

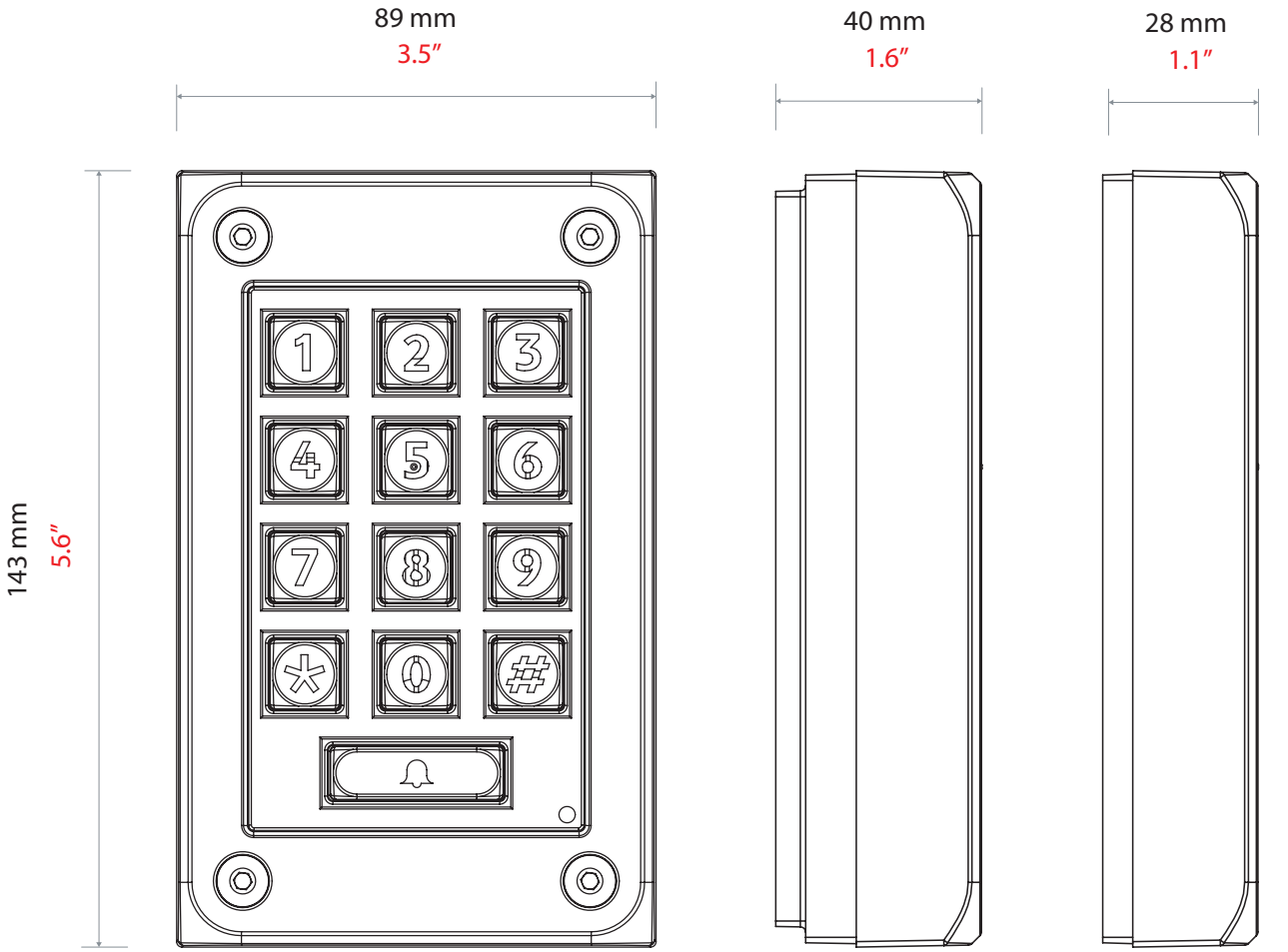
FCC Part 15	✓

The vandal resisitant metal keypads are devices that offer the simplicity of PIN or Code authentication for system users.

They are available for use with both Switch2 and Net2 systems The reader is wired as shown on the control unit label.

By default, all 3 LEDs are lit. If access is granted, the green LED flashes and an audible tone is emitted. Incorrect PIN's will not return an access denied response.

Dimensions



Surface mount box

Mounting plate

Accessories and sales codes

TOUCHLOCK Vandal resistant, metal	521-715-US

Made in the UK

Paxton

TDS-1022-US

TOUCHLOCK Stainless steel, K50/K75/K75 screw connector

System specifcations

Cable Length	5m/16ft (Screw connector - None)	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S

Electrical

Operating Voltage	10V - 14V DC
Current consumption	180mA

Environment

Operating temperature	-35°C - +66°C -31°F - +151°F
Moisture resistance	IPX7 (Screw connector- No)
Vandal Resistance	Medium

Certifications

UL 294	372-110-US

The stainless steel K50/K75/K75 screw connector Keypads are devices that offer the simplicity of PIN or Code authentication for system users.

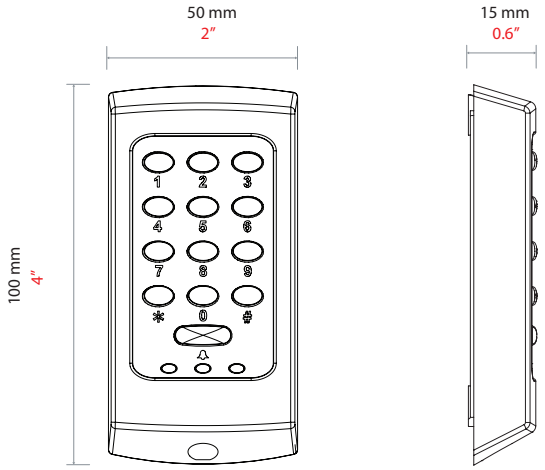
They are available for use with both Switch2 and Net2 systems The reader is wired as shown on the control unit label.

The 75 Series variant is also optionally available with a screw connector version making cabling even simpler.

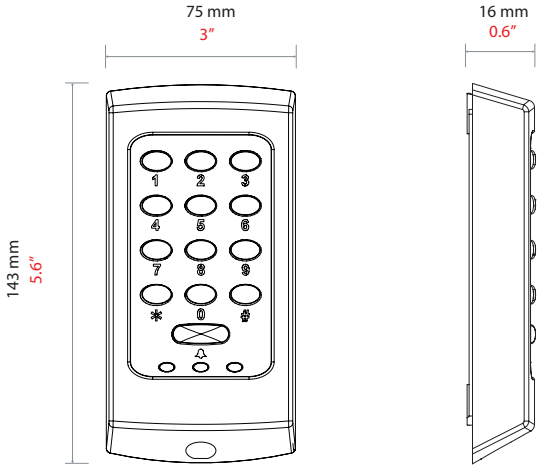
By default, all 3 LEDs are lit. If access is granted, the green LED flashes and an audible tone is emitted. Incorrect PIN's will not return an access denied response.

Dimensions

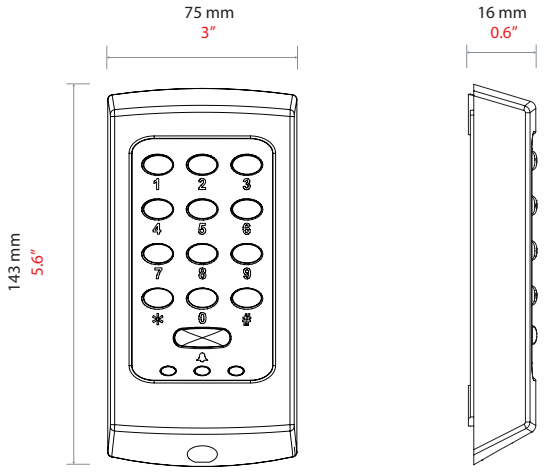
K50ss



K75ss



K75ss,sc



Accessories and sales codes

TOUCHLOCK Stainless steel, K75	372-110-US
TOUCHLOCK Stainless steel, K50	352-110-US

Made in the UK

Paxton

TDS-1021-US

TOUCHLOCK - K50/K75/K75 screw connector

System specifcations

Cable Length	5m/16ft (Screw connector - None)	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Backlit Keypad	Yes	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	180mA

Environment

Operating temperature	-35°C - +66°C -31°F - +151°F
Moisture resistance	IPX7 (Screw connector- No)
Vandal Resistance	Medium

Certifications

FCC Part 15	✓
UL 294	371-110-US

The K50/K75/K75 screw connector Keypads are devices that offer the simplicity of PIN or Code authentication for system users.

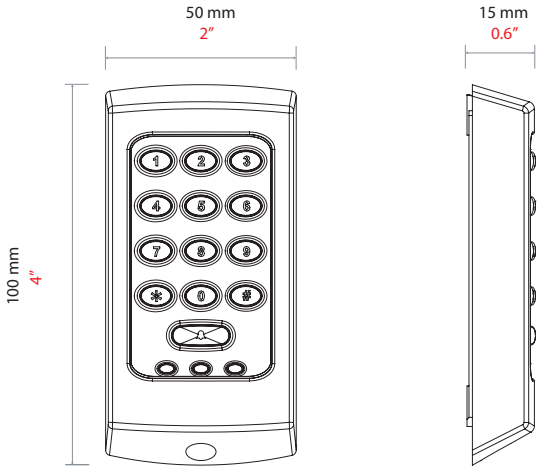
They are available for use with both Switch2 and Net2 systems The readers are supplied with a choice of black or white covers/ bezels. The reader is wired as shown on the control unit label.

The 75 Series variant is also optionally available with a screw connector version making cabling even simpler.

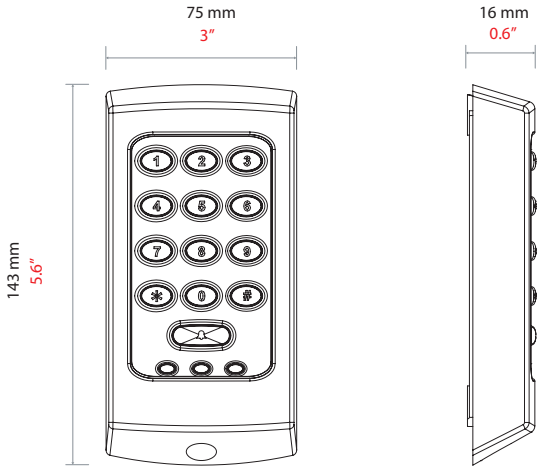
By default, all 3 LEDs are lit. If access is granted, the green LED flashes and an audible tone is emitted. Incorrect PIN's will not return an access denied response.

Dimensions

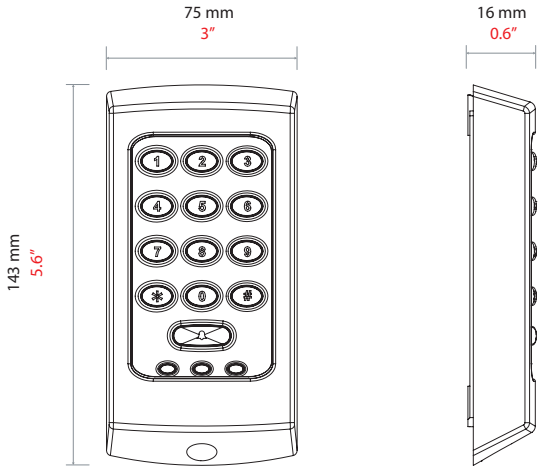
K50



K75



K75sc



Accessories and sales codes

TOUCHLOCK K75	371-110-US
TOUCHLOCK K50	351-110-US

Made in the UK

CARDLOCK reader

System specifcations

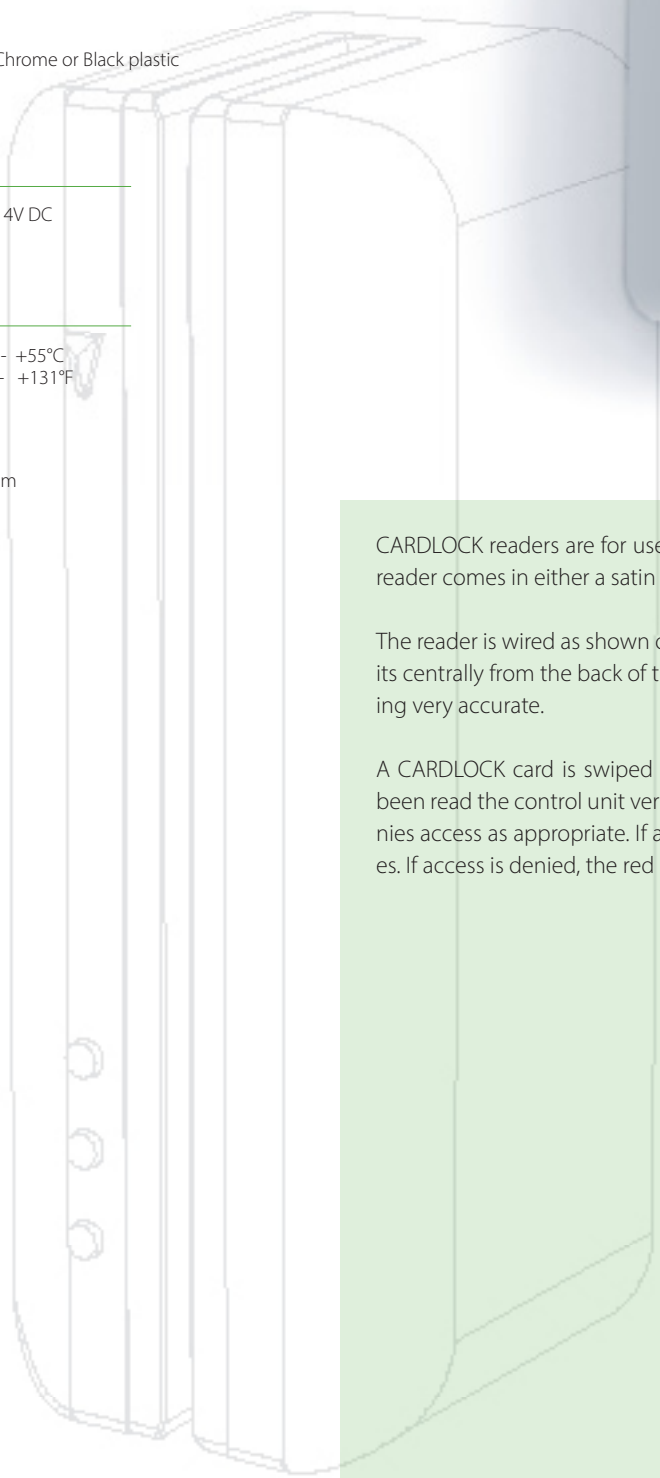
Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton EM	
Versions	Satin Chrome or Black plastic	
Handsfree compatible	No	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	90mA

Environment

Operating temperature	-35°C - +55°C -31°F - +131°F
Moisture resistance	IPX7
Vandal Resistance	Medium

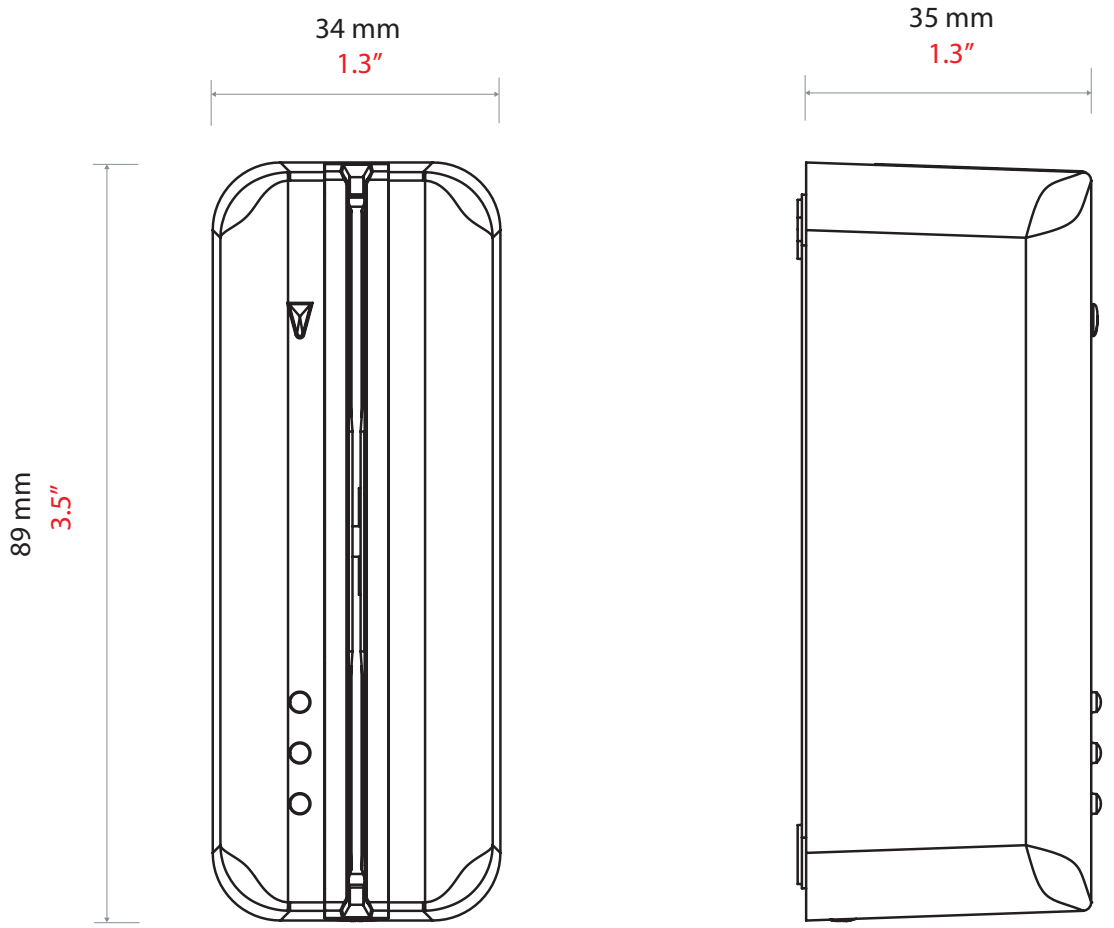


CARDLOCK readers are for use with Switch2 and Net2 systems. The reader comes in either a satin chrome metal, or black plastic option.

The reader is wired as shown on the control unit label. The cable exits centrally from the back of the reader making drilling and mounting very accurate.

A CARDLOCK card is swiped through the reader. Once a card has been read the control unit verifies the information and grants or denies access as appropriate. If access is granted, the green LED flashes. If access is denied, the red LED flashes.

Dimensions



Accessories and sales codes

CARDLOCK reader - Satin chrome	409-711SC

Made in the UK

Paxton

TDS-1019-US

PROXIMITY Universal reader - Clock and data

System specifcations

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton EM PAC	
Additional coloured covers available	Yes	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	120mA

Environment

Operating temperature	-35°C - +55°C -31°F - +131°F
Moisture resistance	IPX7
Vandal Resistance	Medium

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

They are available for use with Net2 systems

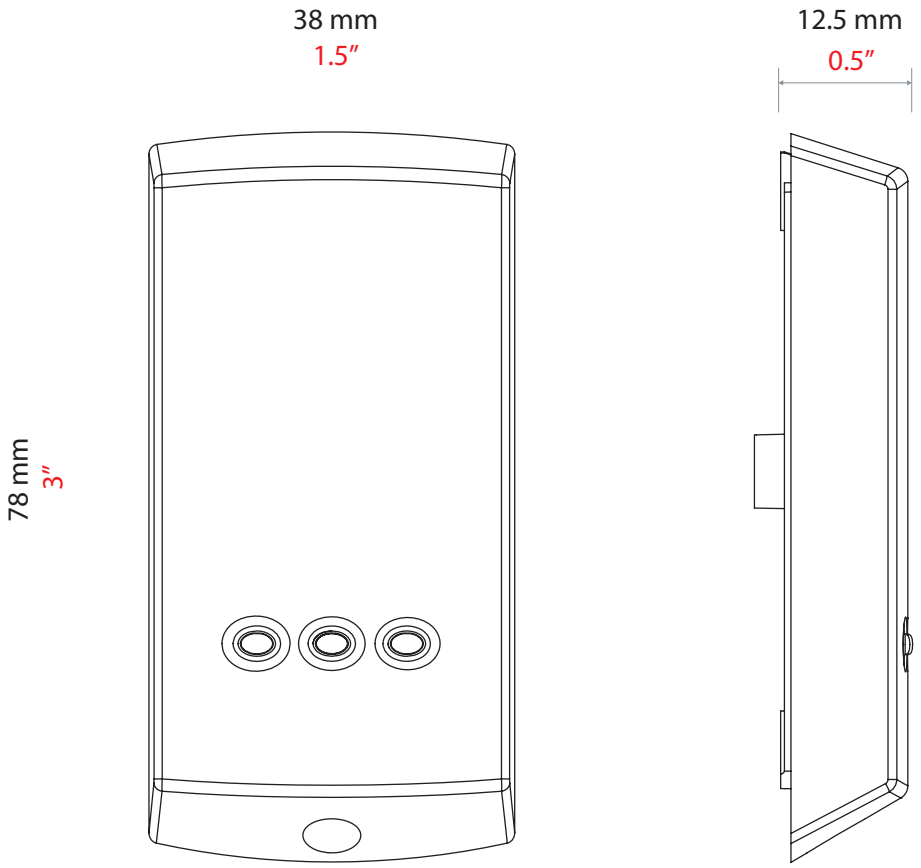
The readers are supplied with a choice of black or white covers/ bezels. The reader is wired as shown on the control unit label.

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 Universal reader - Clock and data	339-111-US

Made in the UK

Paxton

TDS-1018

Proximity reader - Backbox, Black or white

System specifcations

Cable Length	None included	
Cable extension length and type	≤ 25m/82ft ≤ 100m/328ft	Belden 9538/ Belden 5506FE (USA) Belden 9540/ Belden 5306FE (USA)
Token compatibility	Paxton EM HID (Activation required) Wiegand (Activation required)	
Versions	Belden 9540	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	140mA

Environment

Operating temperature	-20°C - +55°C -4°F - +131°F
Moisture resistance	No
Vandal Resistance	Medium

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

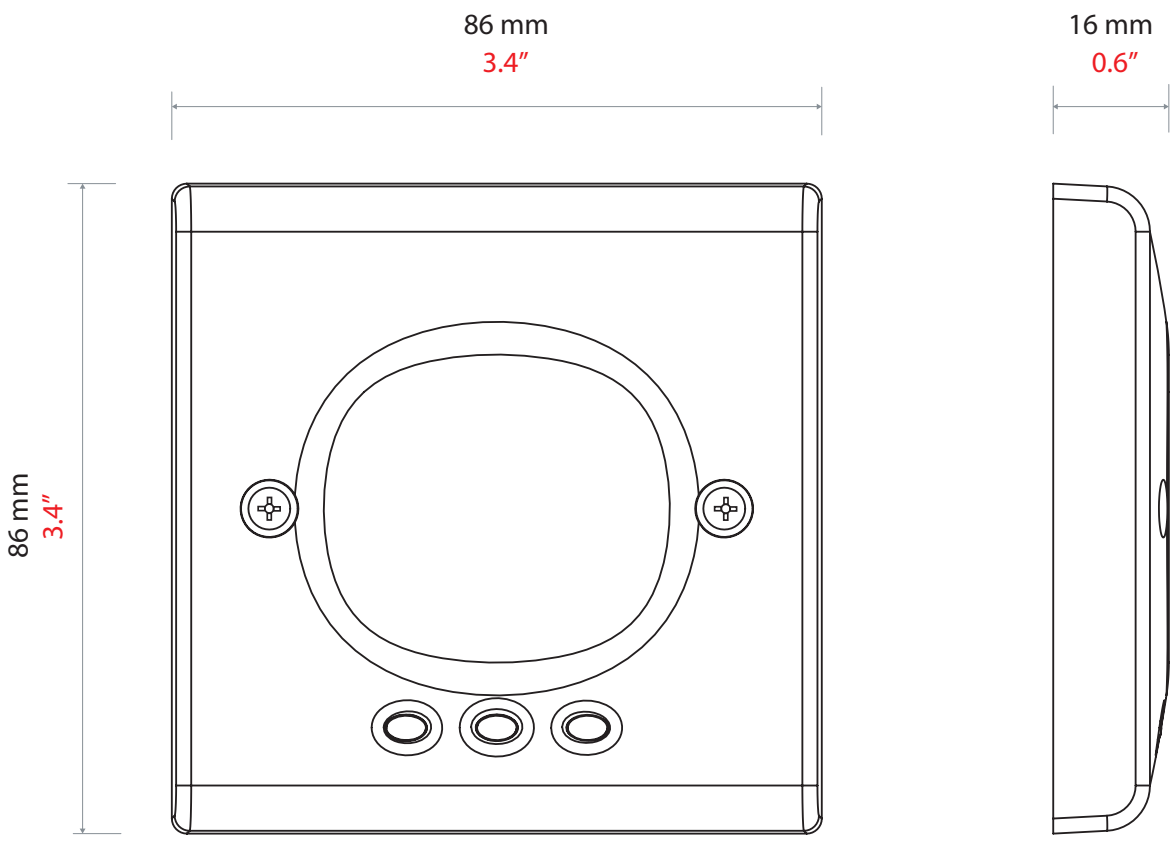
They are available for use with both Switch2 and Net2 systems The readers are supplied with a choice of black or white covers/ bezels. The reader is wired as shown on the control unit label.

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 reader - UK Backbox, Black	370-225 BL	Proximity reader - UK Backbox, White	370-225 WT

Made in the UK

Paxton

TDS-1017

Proximity reader - Backbox, MIFARE®

System specifcations

Cable length	None included	
Cable extension length and type	≤ 25m/82ft ≤ 100m/328ft	Belden 9538/ Belden 5506FE (USA) Belden 9540/ Belden 5306FE (USA)
Token compatibility	Paxton EM MIFARE ® (UID only)	
Cloning resistance	Low	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	

Electrical

Operating voltage	10V - 14V DC
Current consumption	140mA

Environment

Operating temperature	-20°C - +55°C -4°F - +131°F
Moisture resistance	No
Vandal resistance	Medium

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

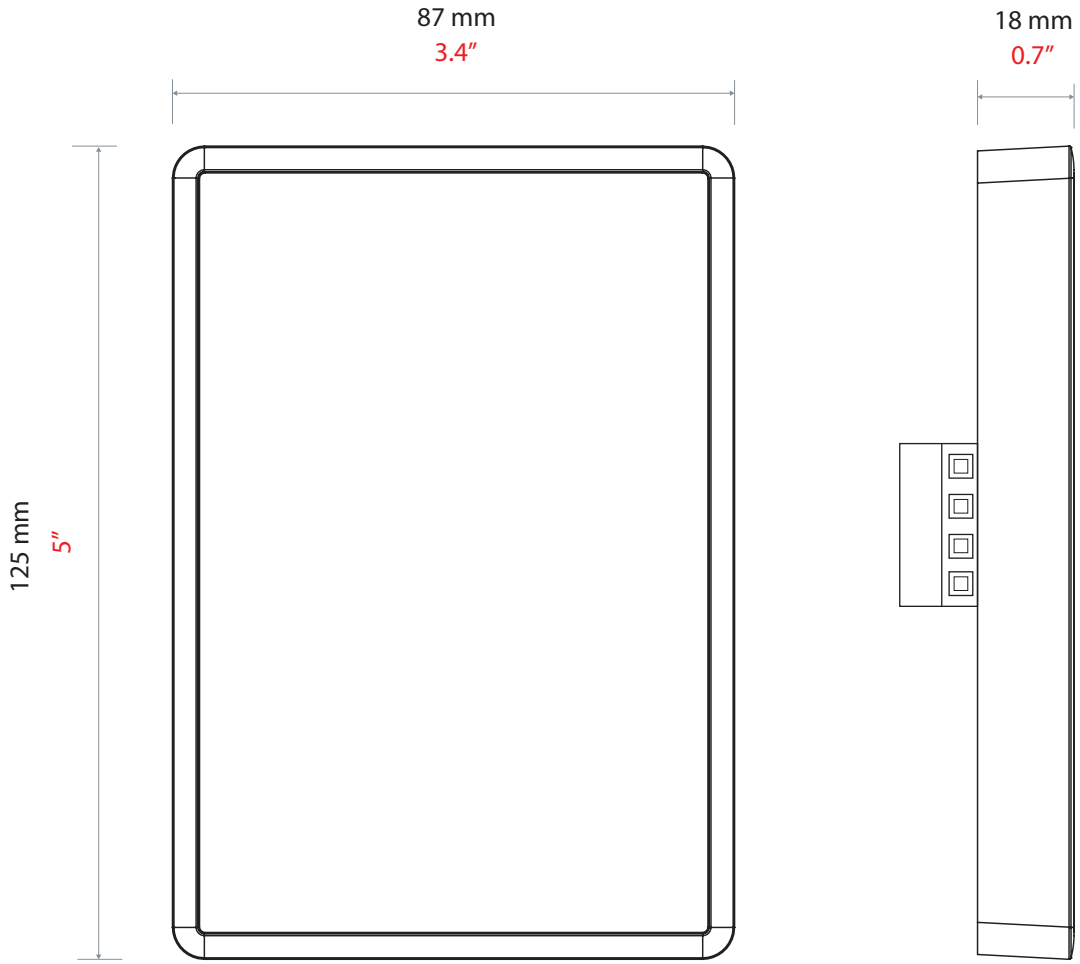
They are available for use with both Switch2 and Net2 systems. The reader is wired as shown on the control unit label.

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.

If access is granted or denied, an audible tone is emitted

Dimensions



Accessories and sales codes

Proximity reader - Backbox, MIFARE® 371-125

Made in the UK

Paxton

TDS-1014-US

Net2 - Proximity P50 Mullion reader

System specifications

Cable Length	3m/10ft	
Cable extension length and type	≤ 25m/82ft ≤ 100m/328ft	Belden 9538/ Belden 5506FE (USA) Belden 9540/ Belden 5306FE (USA)
Token compatibility	EM HID® Prox (activation required)	
Additional coloured covers available	Yes	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	130mA

Environment

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

The proximity mullion 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 reader is wired as shown on the control unit label.

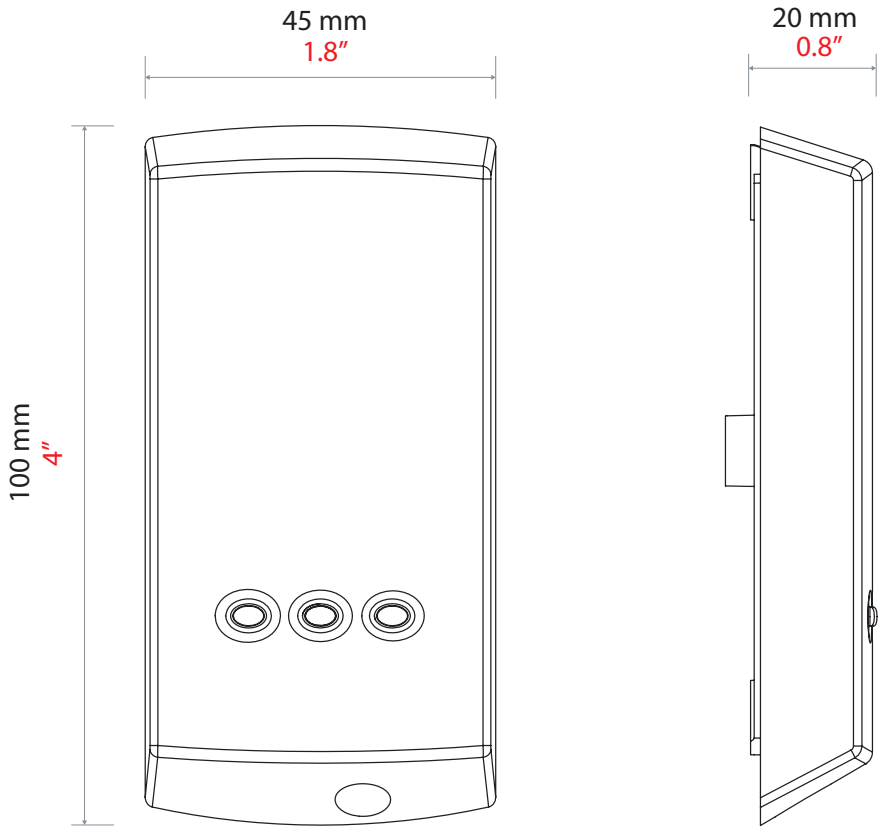
Note: Be sure to validate functionality when mounting to metal mullions and avoid mounting near other proximity readers as this will affect the read range.

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

Net2 - Proximity P50 Mullion reader	345-220-US

Made in the UK

Paxton

TDS-1013-US

Net2 - 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, EM4100/02, MIFARE®, MIFARE ® Classic, MIFARE® DESFire® EV1, MIFARE Plus®, MIFARE Ultralight®, MIFARE Ultralight C®, MIFARE Mini®, HID® Prox (Activation required)	
MIFARE compatibility	CSN	
Additional coloured covers available	Yes	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	
Read Range	353-467	
Keyfob	30mm	
Token/ISO Card	60mm	
Watchprox	10mm	
Hands free tokens	30mm	

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.

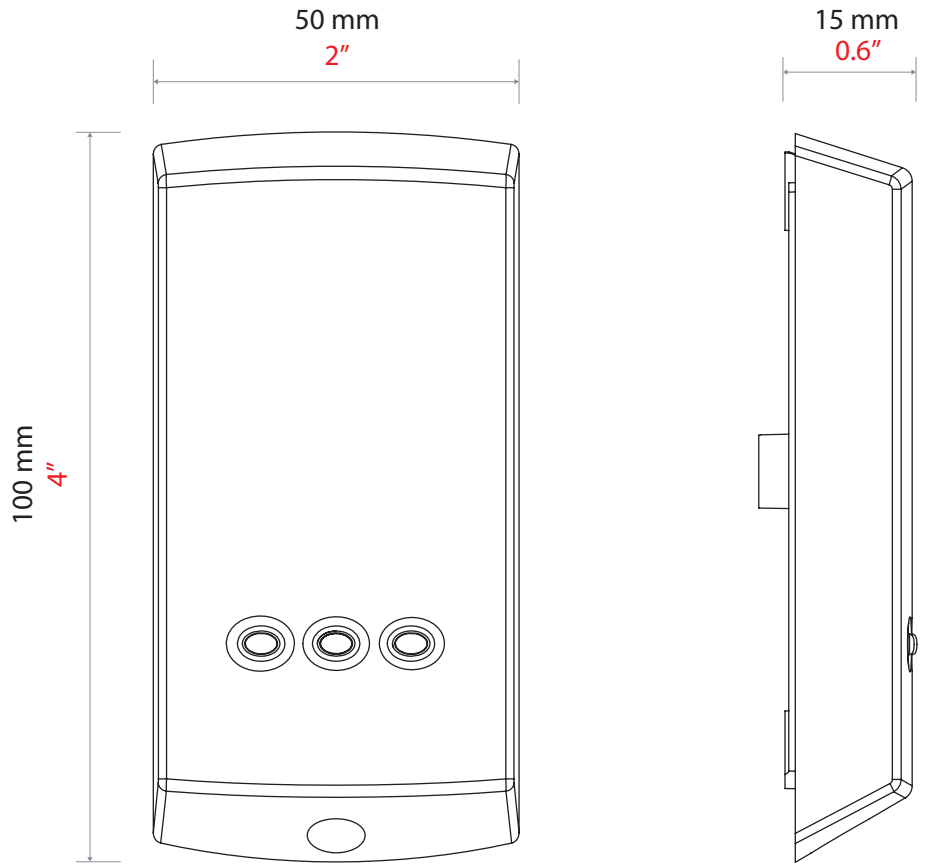
They are available for use with both Switch2 and Net2 systems The readers are supplied with a choice of black or white covers/ bezels. The reader is wired as shown on the control unit label.

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

Net2 - Proximity MIFARE® reader, P50	353-467-US

Made in the UK

Paxton

TDS-1012-US

Proximity reader - Architectural

System specifcations

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton, EM HID® Prox (activation required)	
Handsfree compatible	No	
Versions	Gunmetal grey or Satin Chrome	
Natural material inserts	Glass or Stone	
Wiegand	Yes (Max 50 bits)	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	150mA

Environment

Operating temperature	-20°C - +55°C -4°F - +131°F
Moisture resistance	IPX7
Vandal Resistance	Medium

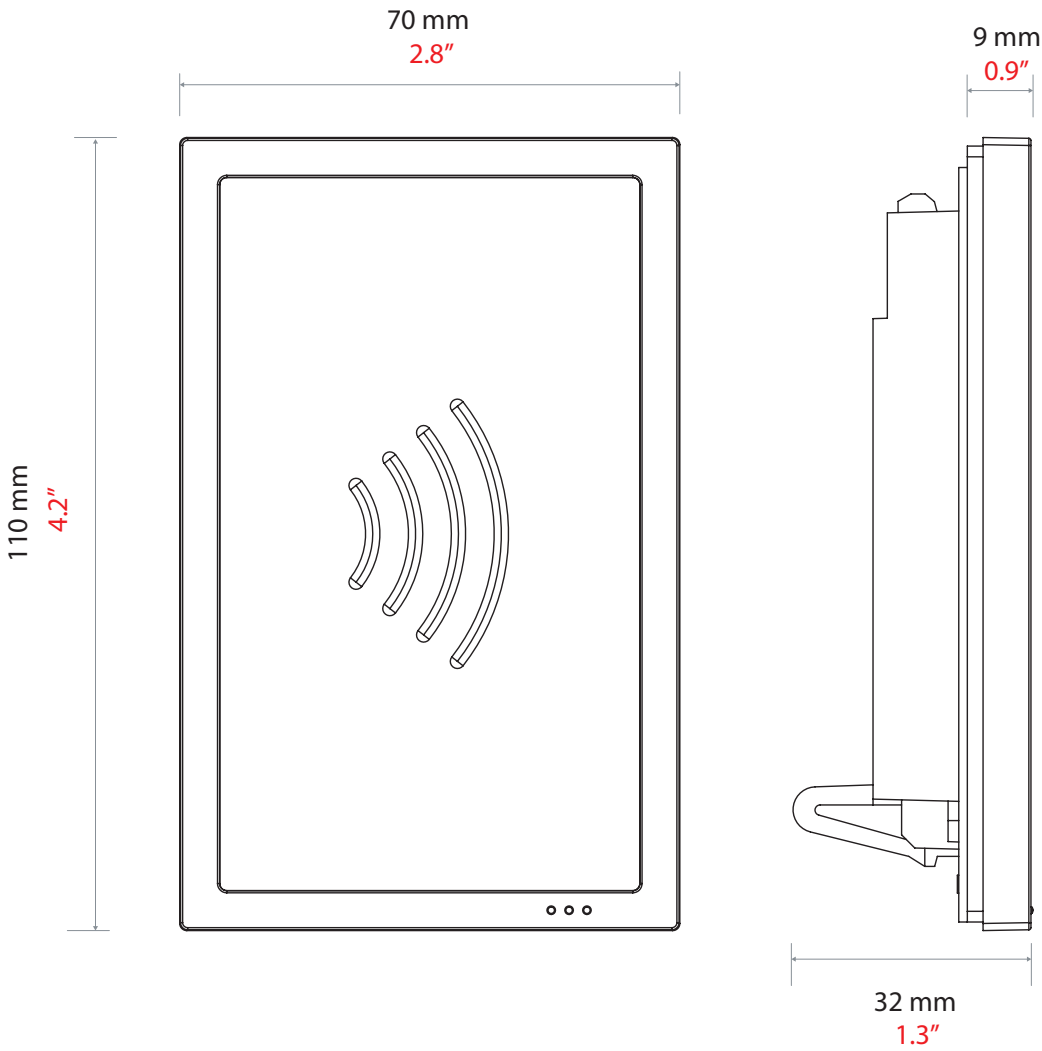
The proximity architectural readers are RFID devices that offer the convenience of contactless authentication for system users.

They are available for use with both Switch2 and Net2 systems The reader is wired as shown on the control unit label.

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 in a soft white glow. If access is granted, the LEDs change to Green. If access is denied, the LEDs change to Red.' An audible tone is emitted in both cases.

Dimensions



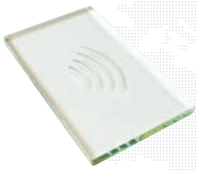
Accessories and sales codes

Proximity reader - Architectural, Gunmetal grey or Satin Chrome	360-864GG/SC-US

Proximity reader - Architectural insert - Stone

360-002-US

Proximity reader - Architectural insert - Glass



360-003-US

Made in the UK

Paxton

TDS-1010-US

Proximity long range reader

System specifications

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton EM	
Handsfree compatible	Yes	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	1.1A

Environment

Operating Temperature	-35°C - +66°C -31°F - +151°F
Moisture resistance	IP66
Vandal Resistance	Medium

The proximity long range 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

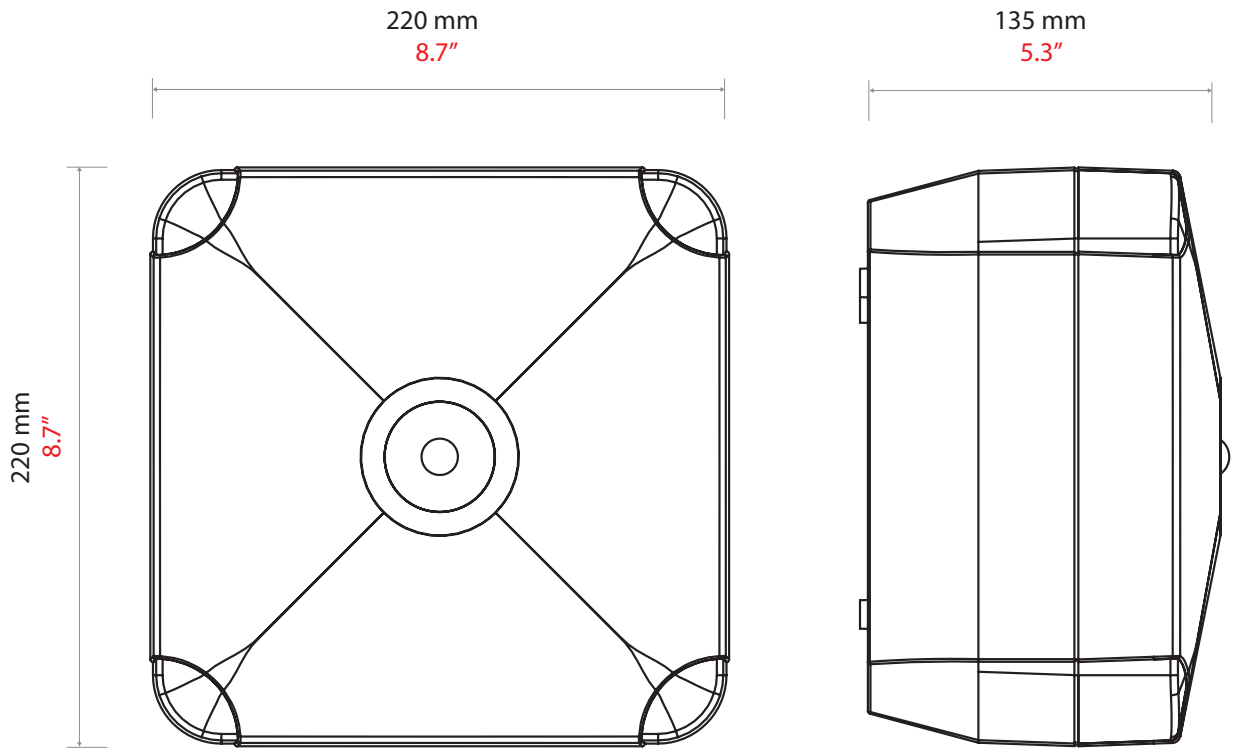
The reader is wired as shown on the control unit label.

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 the reader LEDs state is Red. If access is granted, the reader flashes Green. If access is denied, the reader flashes Red.' An audible tone is emitted in both cases.

Dimensions



Accessories and sales codes

Proximity long range reader	313-110-US

Paxton

TDS-1009-US

Proximity reader - Energy saving

System specifcations

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton EM Mifare	
Handsfree compatible	Yes	

Electrical

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

Environment

Operating temperature	-20°C - +55°C -4°F - +131°F
Moisture resistance	IPX7
Vandal Resistance	Medium

Our Proximity energy saving reader minimises energy wastage and saves customers money on their utility bills. The reader cover is designed to retain a user card. Once inserted, the card's presence in the reader toggles a relay that switches on all connected equipment. When the card is removed, the relay toggles back, turning all equipment off.

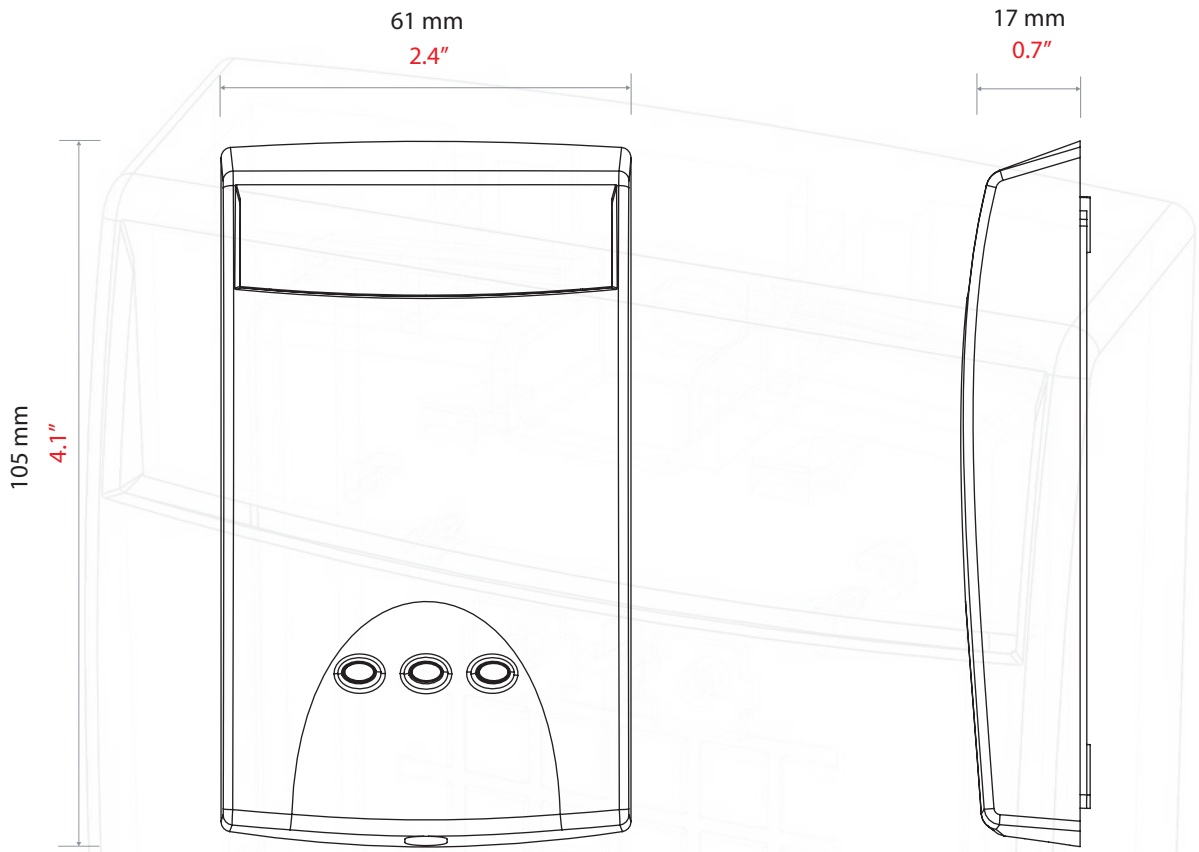
The concept works because a user has to remove their proximity card from the reader in order to move freely around a site. This avoids everyday bad practices like leaving lights and electrical equipment on.

The Energy saving reader can also control power to machinery. It is ideal for helping to control who has access rights to using dangerous equipment in workshops. The reader can be used to switch power on to equipment, only once a trained member of staff has inserted their user card. This is great for complying with health and safety regulations.

Unlike standard card operated energy management units that you might see in hotel rooms, our reader will only work once an authenticated card is inserted. This gives you the benefit of having greater control over who uses utilities and equipment.

The reader also accepts Mifare cards. Now customers already using Mifare cards with Net2 won't have to change their access tokens to benefit from improved energy saving and health and safety. The Energy saving reader is simple to install and can be retrofitted to any site, quickly and easily without huge cost.

Dimensions



Accessories and sales codes

Proximity reader - Energy saving	595-248-US

Made in the UK

Paxton

TDS-1008-US

Proximity reader - Marine

System specifcations

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton, EM HID® Prox (activiation required)	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	
Versions	Satin or bright chrome	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	220mA

Environment

Operating temperature	-35°C - +70°C -31°F - +158°F
Moisture resistance	IPX7
Vandal Resistance	Medium

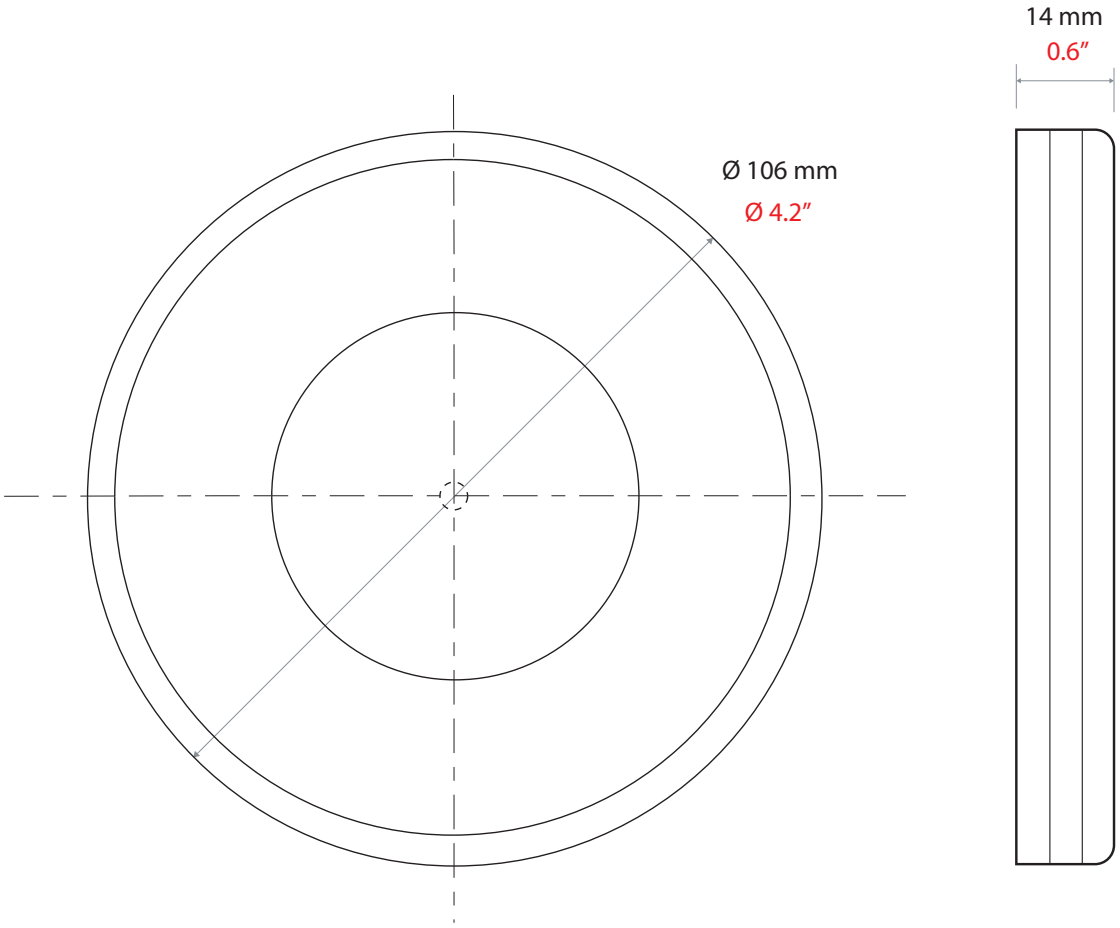
The proximity marine readers are RFID devices that offer the convenience of contactless authentication for system users.

They are available for use with both Switch2 and Net2 systems The reader is wired as shown on the control unit label.

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 the reader emits a soft blue glow. If access is granted, the reader flashes Green. If access is denied, the reader flashes Red.' An audible tone is emitted in both cases.

Dimensions



Accessories and sales codes

Proximity - Marine	500-010-US

Paxton

TDS-1007-US

Proximity reader - Metal

System specifcations

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton, EM HID® Prox (activiation required)	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	
Versions	Satin or bright chrome	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	110mA

Environment

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

Certifications

UL 294	390-747-US

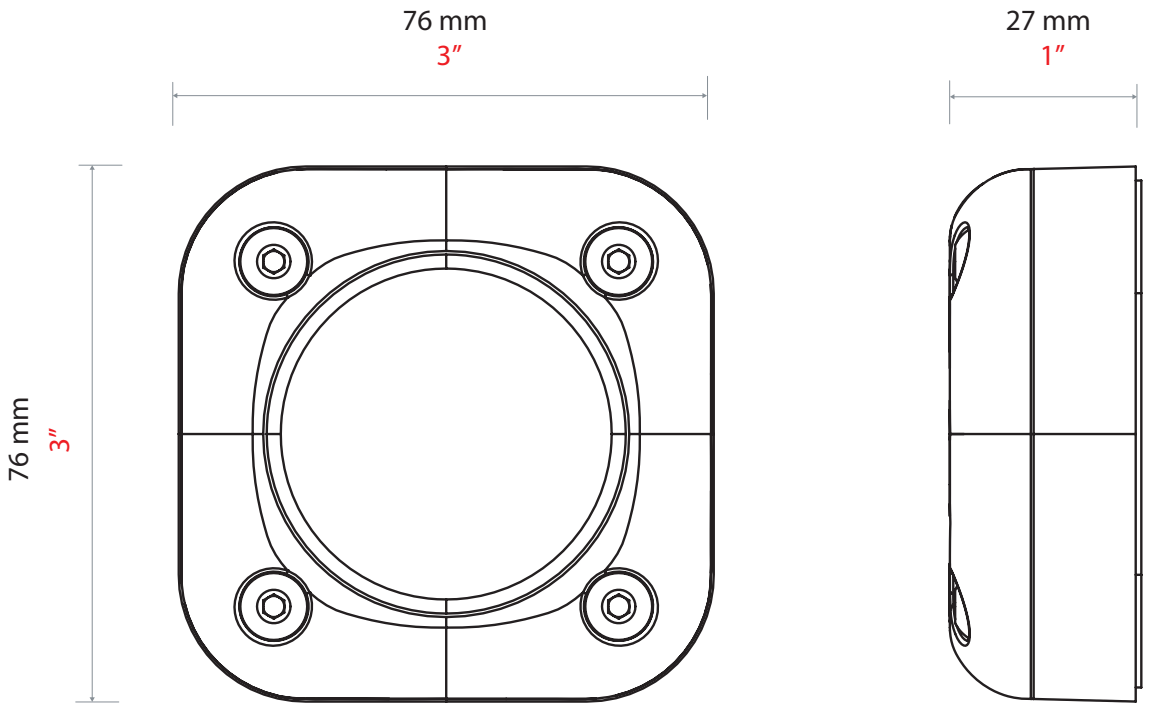
The proximity metal readers are RFID devices that offer the convenience of contactless authentication for system users.

They are available for use with both Switch2 and Net2 systems The reader is wired as shown on the control unit label.

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 reader - Metal, satin chrome	390-747-US	Proximity reader - Metal, chrome	390-727-US

Made in the UK

Paxton

TDS-1006-US

Proximity reader - Panel mount

System specifications

Cable Length	5m	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton, EM HID® Prox (activiation required)	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	110mA

Environment

Operating Temperature	-35°C - +66°C
Moisture resistance	IPX7
Vandal Resistance	High

Certifications

UL 294	✓

They are available for use with both Switch2 and Net2 systems

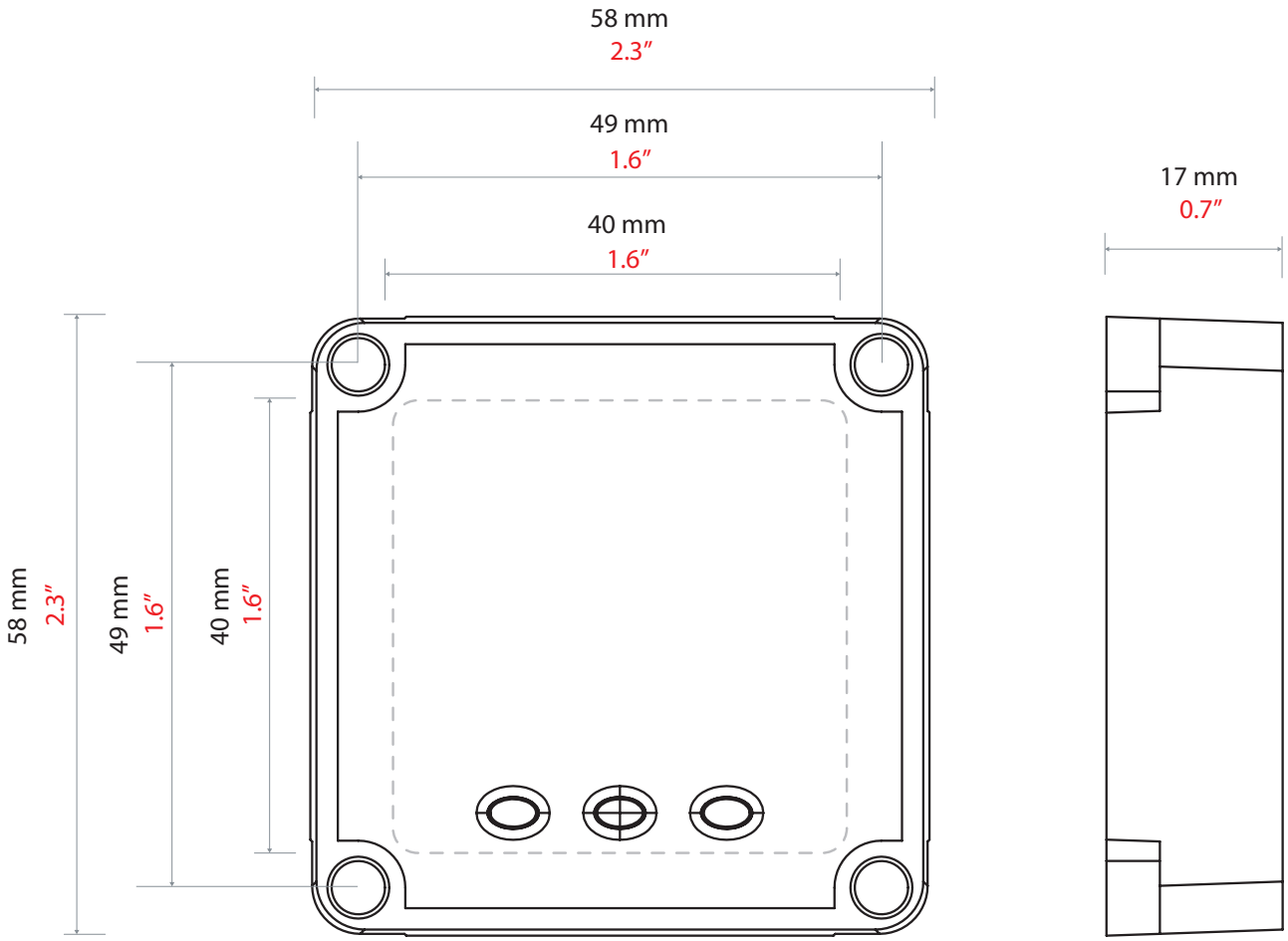
The reader is wired as shown on the control unit label.

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 reader - Panel mount	390-135-US

Made in the UK

Paxton

TDS-1005-US

Proximity reader - Vandal proof

System specifications

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton, EM HID® Prox (activiation required)	
Additional coloured covers available	Yes	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	100mA

Environment

Operating Temperature	-35°C - +66°C -31°F - +151°F
Moisture resistance	IPX7
Vandal Resistance	High

The vandal proof 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.

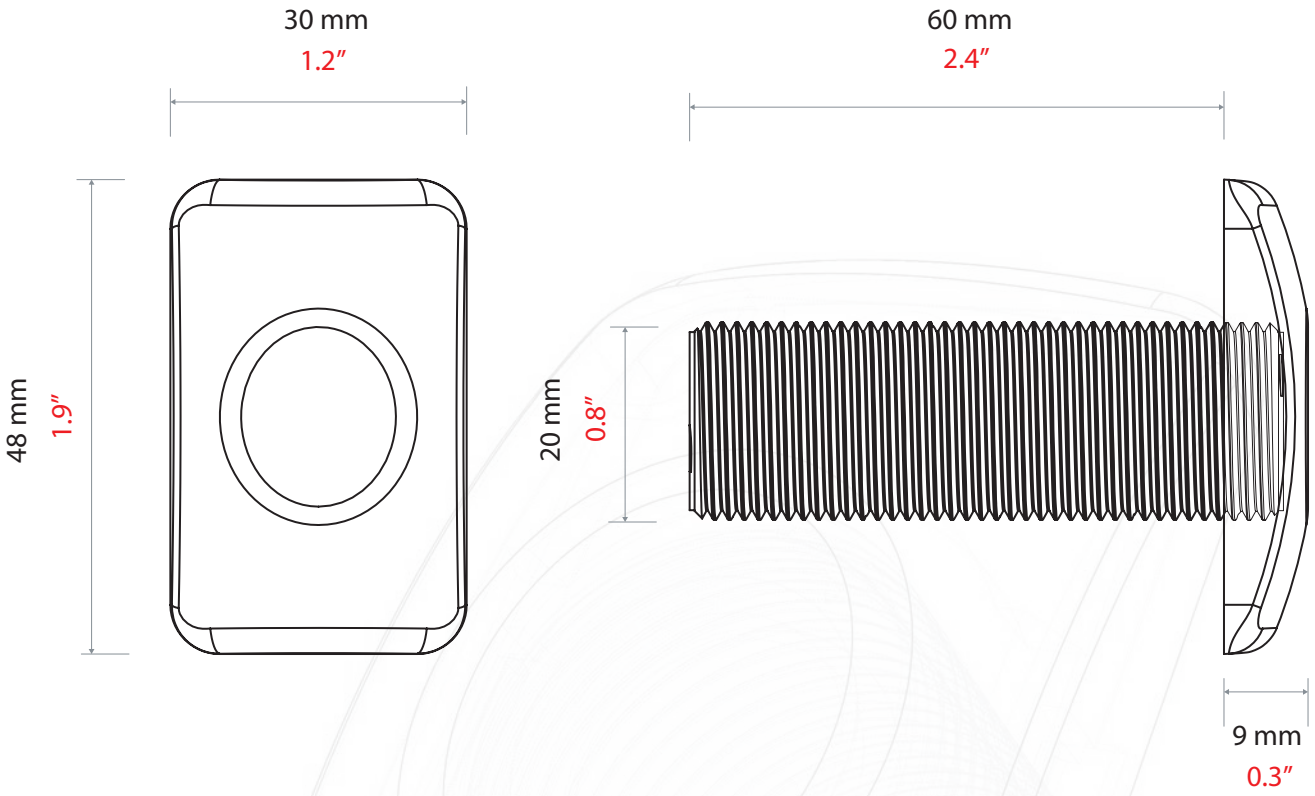
A token is read by holding it within close proximity of the reader.

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

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.

If access is granted or denied, an audible tone is emitted

Dimensions



Accessories and sales codes

Proximity reader - Vandal proof	568-855-US

Paxton

TDS-1004-US

Proximity reader - KP50/KP75/KP75 screw connector

System specifcations

Cable Length	5m/16ft (Screw connector - None)	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton, EM HID® Prox (activiation required)	
Additional coloured covers available	Yes	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	180mA

Environment

Operating temperature	-35°C - +66°C -31°F - +151°F
Moisture resistance	IPX7 (Screw connector- No)
Vandal Resistance	Medium

Certifications

UL 294	375-110-US

The KP50/KP75/KP75 Screw connector keypad readers are RFID/ Keypad combinations devices that offer the convenience of contactless authentication, or the added security of PIN/Prox entry, 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.

The 75 Series variant is also optionally available with a screw connector version making cabling even simpler.

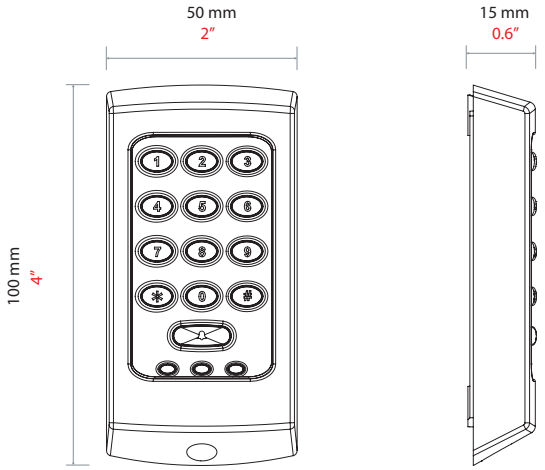
Note: Be sure to avoid mounting proximity readers on metal surfaces or near other proximity readers as this will affect the read range.

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.

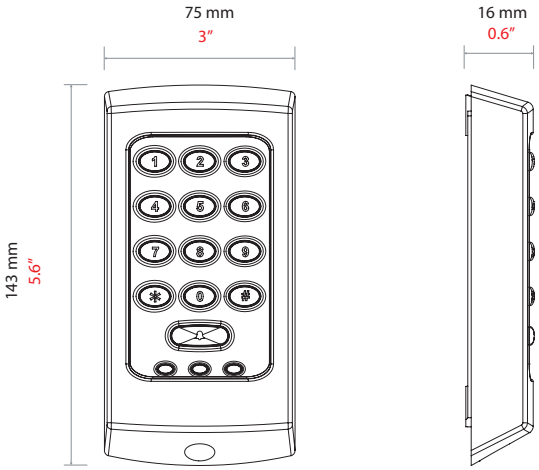
By default, all 3 LEDs are lit. If access is granted, the green LED flashes. An audible tone is emitted. When using Token + PIN, the Amber LED will flash after the token has been presented, indicating the need to enter a PIN. If an incorrect PIN is entered, access is denied and the red LED flashes. An audible tone is emitted. Using PIN ONLY, incorrect PIN's will not return an access denied response.

Dimensions

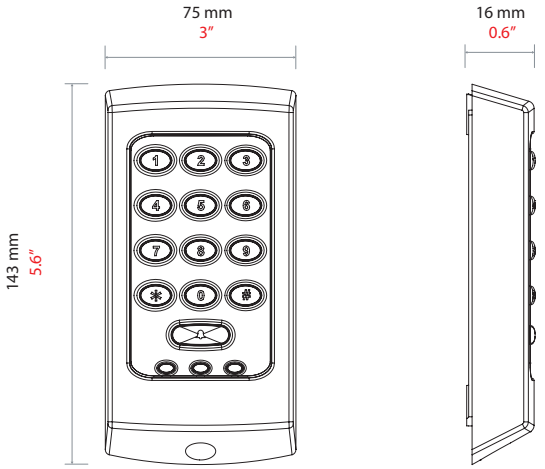
KP50



KP75



KP75sc



Accessories and sales codes

Proximity keypad - KP50	355-110-US	Proximity keypad - KP75	375-110-US

Made in the UK

Paxton

TDS-1002-US

Proximity reader - P200/P200 metal mount

System specifcations

Cable Length	5m/16ft	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton, EM HID® Prox (activiation required)	
Additional coloured covers available	No	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	

Electrical

Operating Voltage	10V - 14V DC
Current consumption	140mA

Environment

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

The P200/P200 metal mount proximity readers are RFID devices that offer the convenience of contactless authentication for system users.

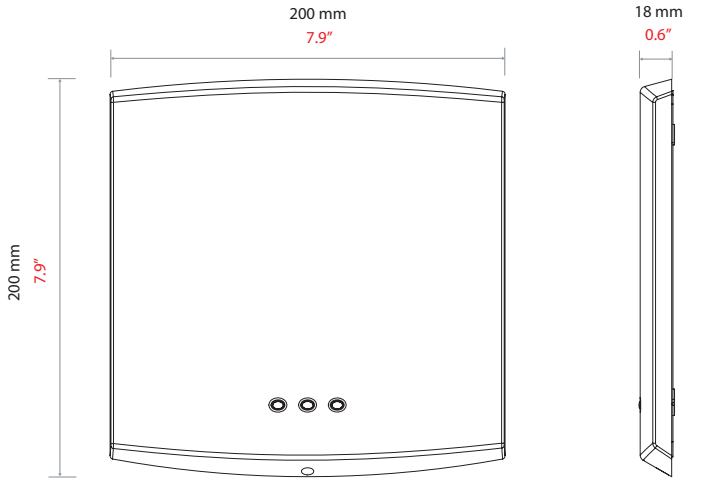
They are available for use with both Switch2 and Net2 systems
The reader is wired as shown on the control unit label.

Note: Be sure to avoid mounting the P200 proximity reader on metal surfaces or near other proximity readers as this will affect the read range.

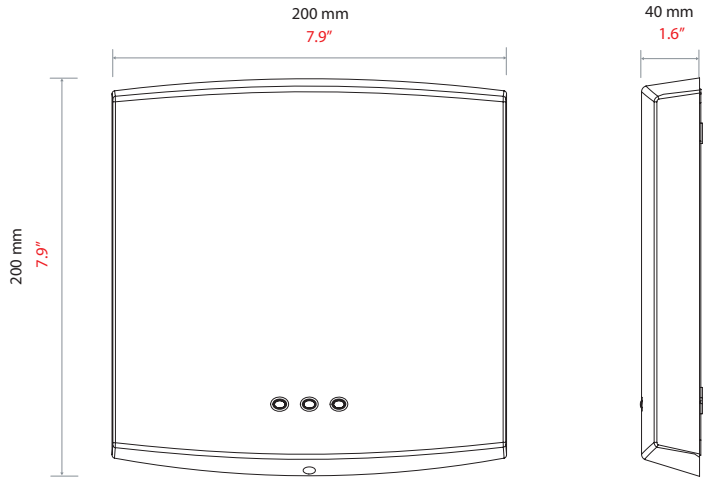
A token is read by holding it within close proximity of the reader. Once a token has been read the control unit looks up the access permissions of that user. The control unit verifies the information and grants or denies access as appropriate.

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



Proximity reader - P200



Proximity reader - P200, metal mount

Accessories and sales codes

Proximity reader - P200	323 -110-US	Proximity reader - P200, metal mount	324 -110-US

Made in the UK

Paxton

TDS-1001-US

Proximity reader - P38/P50/P75/P75 screw connector

System specifcations

Cable Length	5m/16ft (Screw connector - None)	
Cable extension length and type	≤ 25m/82ft	Belden 9538/ Belden 5506FE (USA) General Cable equivalent C0744A/ General Cable equivalent E2008S
	≤ 100m/328ft	Belden 9540/ Belden 5306FE (USA) General Cable equivalent C0745A/ General Cable equivalent E2038S
Token compatibility	Paxton, EM HID® Prox (activiation required)	
Additional coloured covers available	Yes	
Handsfree compatible	Yes	
Wiegand	Yes (Max 50 bits)	

Read Range	333-110	353-110	373-110
Keyfob	40mm	50mm	60mm
Token/ISO Card	60mm	80mm	100mm
Watchprox	30mm	35mm	40mm
Hands free tokens	0.85m	1.1m	1.5m

Electrical

Operating Voltage	11V - 14V DC
Current consumption	120mA

Environment

Operating temperature	-35°C - +66°C -31°F - +151°F
Moisture resistance	IPX7 (Screw connector- No)
Vandal Resistance	Medium

Certifications

UL 294	373-110-US

The P38, P50, P75 and P75 Screw connector 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.

The 75 Series variant is also optionally available with a screw connector version making cabling even simpler.

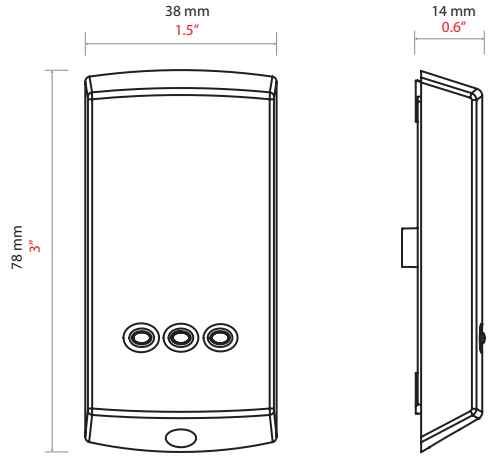
Note: Be sure to avoid mounting proximity readers on metal surfaces or near other proximity readers as this will affect the read range.

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.

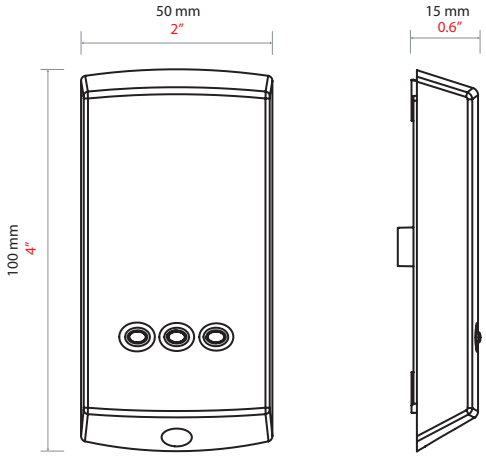
By default, all 3 LEDs are lit. If access is granted, the green LED flashes. If access is denied, the red LED flashes.' An audible tone is emitted in both cases.

Dimensions

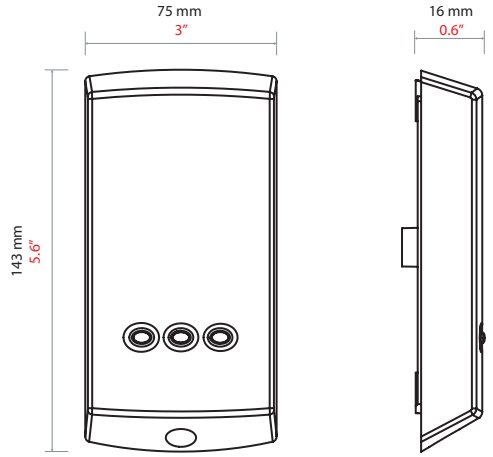
P38



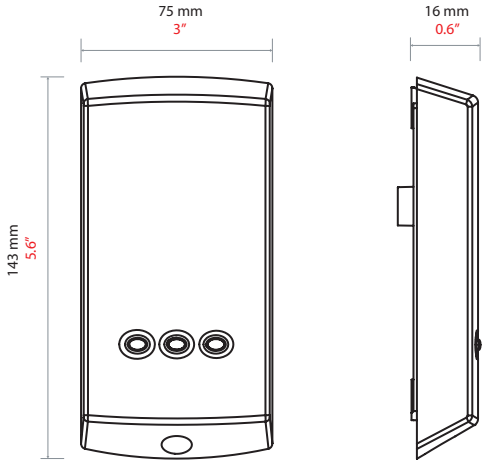
P50



P75



P75sc



Accessories and sales codes

Proximity reader - P38	333-110-US	Proximity reader - P50	345-220-US
Proximity reader - P75	373-110-US		

Made in the UK