Paxton Access

Readers and Keypads

Paxton Access

Paxton Access readers

Due to the wide range of site requirements, Paxton Access offers an extensive range of readers and keypads for use with our Switch2 and Net2 systems. This booklet gives an overview of our readers to enable the correct selection based on site requirements.

The majority of Paxton Access readers are treated to ensure the electronic components are completely sealed making them 100% resistant to water. All of our readers are designed to operate normally in a wide range of temperatures and are made and finished with materials that are UV stable. Our readers are suitable for external use, unless otherwise stated.

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

+44 (0)1273 811011
sales@paxton.co.uk
http://www.paxton.co.uk

Contents

Proximity readers
P series readers 2
Panel mount reader 4
Metal reader 6
Backbox reader 8
Marine reader 10
Long range reader 12
Universal reader 14
Architectural reader 16
Vandal proof reader 18
LCD reader 20

Magstripe readers
Black plastic reader 22
Satin chrome reader 24

Keypads
K series keypads 26
K series stainless steel keypads 28
Vandal resistant metal keypad 30

Proximity reader keypads
KP series reader keypads 32

Other readers
Number plate reader 34
Energy saving reader 36

P38
P50
P75
P200

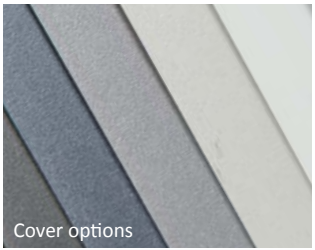
P series readers

The P series range of readers is our most popular and comprises of four readers ranging in size from the P38 to the P200. A P38 fits neatly onto a door frame while the size of the P200 creates a larger token read range.

All P series readers are supplied with 2 fascias, one grey and one off-white. Other colours are available from your installer. These fascias can be replaced periodically to keep your reader looking brand new.

A mounting plate is available to allow the P75 reader to be mounted to a standard UK backbox. In addition to the standard pre-wired version, the P75 reader is also available with screw terminals. The screw terminal version is particularly suitable for new builds or refurbishment projects.

Scale drawing: http://paxton.info/116
More information: http://paxton.info/1038



Panel mount reader

Audio and video entry panels are widely used in residential and commercial premises for controlling the access of visitors. Rather than having a separate proximity reader for controlling the access of residents or staff, the Panel mount reader is designed to be mounted within the door entry panel itself.

The reader has been designed to fit within a standard sized cut-out and most suppliers are able to provide suitably modified panels.
As well as creating a more integrated installation, the Panel mount reader will also benefit from the vandal resistance offered by the metal panel within which it is housed.

Scale drawing: http://paxton.info/1071
More information: http://paxton.info/1039

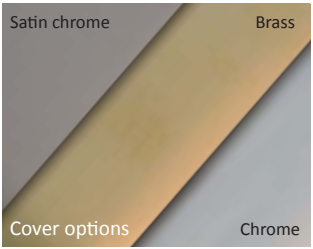
Metal reader

This rugged Metal reader is perfectly suited to a wide range of environments, from building sites to designer lobbies. The reader is encased in a solid metal housing with a durable clear window.

The reader's metal construction means that it will not be affected when mounted near metal objects, as is the case with other readers. This makes it the perfect solution for car park barrier posts or aluminium door frames.

The Metal reader is available in three different materials: chrome, satin chrome and brass.

Scale drawing: http://paxton.info/789
More information: http://paxton.info/1040



Backbox reader

This reader is designed to mount directly onto a standard UK backbox. Available in either black or white, this reader is suitable for a wide range of internal applications.

The Backbox reader is supplied with screw terminals that make it particularly suitable for new builds and refurbishment projects. This is because the reader cable can be pulled through in advance. The reader is then mounted once all other works, such as plastering and painting, have been finished.

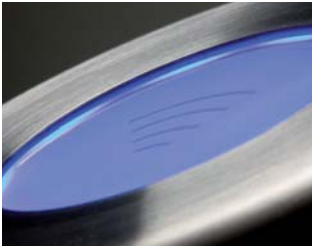
Scale drawing: http://paxton.info/1068
More information: http://paxton.info/1041

Marine reader

The Marine reader is housed in high quality marine grade stainless steel and is built to withstand the elements as well as look elegant. Although it has been specifically designed for marine applications such as yachts, it is suitable for use anywhere.

The high visibility blue LED lighting gives a stunning visual impact. It's also used to denote access permissions; flashing green for granted and red for denied.

Scale drawing: http://paxton.info/790
More information: http://paxton.info/1042



Long range reader

'Long range' refers to the reading distance between the reader and the token. A longer range can be desirable for a number of reasons. For example, at a car park barrier it's convenient to have your token read without having to leave your vehicle. Disabled users may require their tokens to be read without presenting them directly to the reader.

The Long range reader produces a read range of up to 5m. When using the Hands free key card this can be extended up to 50m at the touch of a button. Perfect if you want the barrier to start opening on approach.

The Long range reader also works as a close proximity reader. Therefore hands free tokens need only be purchased for those users that require them.

The bright LED display is clearly visible from a distance and gives a clear indication of whether access has been permitted or denied.

Scale drawing: http://paxton.info/843
More information: http://paxton.info/1043

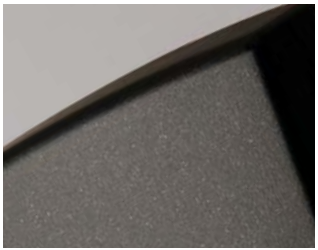
Universal reader

The Universal reader has been designed to read several different types of proximity token. This enables an existing system to be extended or replaced with our Net2 system whilst still using the same tokens.

As well as being compatible with Paxton Access tokens, the Universal reader can also read PAC tokens (all types) and any EM4100 tokens (a standard used by lots of manufacturers). The Universal reader can read all token types simultaneously so a mixture of different tokens can be used on a site.

The physical properties of the reader are exactly the same as the P50 reader from the P series range.

Scale drawing: http://paxton.info/491
More information: http://paxton.info/1044



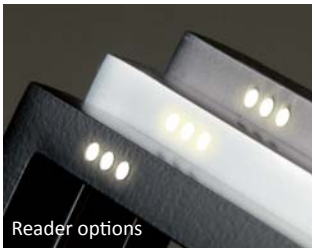
Architectural reader

This is a unique reader in that its appearance can be tailored to its environment. The reader consists of two parts; the reader housing and the insert. Three inserts are available from Paxton Access; wood, glass and stone but others can be created in the style and material of your choosing. The reader itself is available with a choice of 3 bezel finishes; matt black, gunmetal grey and satin chrome.

The installation of this reader gives a very low profile for a sleek and elegant look. The three white LED's change colour to indicate access permitted or access denied.

Although the reader electronics are waterproof, the use of natural materials might make it unsuitable for external environments. This reader is most at home in a swish reception or lobby.

Scale drawing - Reader: http://paxton.info/788
Scale drawing - Insert: http://paxton.info/846
More information: http://paxton.info/1045



Vandal proof reader

As its name implies, this reader is suitable for vandal prone environments. The vandal resistance of this reader comes not from a chunky metal design, but from a unique form that allows the reader itself to be embedded in the wall and so not exposed and prone to abuse. If you can't get to it, you can't damage it.

The Vandal proof reader is made up of two parts: a cylindrical proximity reader and a cap to mark the position of the reader. Caps are supplied in black and white with other colours available from your installer. The Vandal proof reader can be mounted in several ways depending on the exact requirements of the site, the illustration below shows one example.

Due to the small size and unobtrusive installation of this reader it is also suited to designed environments where it is important for access control readers to be mounted discreetly.

Scale drawing: http://paxton.info/1073
More information: http://paxton.info/1046

The new LCD reader
Paxton Access
Your logo here

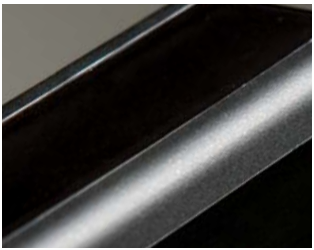
LCD reader

This reader is unique in the fact that the main visible face of the reader is made up of a full colour backlit LCD screen. The LCD screen can be configured to display any image required. Different images can be displayed when a user is permitted or denied access.

The different uses for this are endless. Display a company logo with a description of the door in question. Use the LCD reader to control access into offices with a picture, name and job title of the person whose office it is. If a user is denied access display a message such as 'Contact security' along with a map of where that is.

Images are stored at the reader and can be easily updated using a wireless USB device (supplied). Suitable for internal use only.

Scale drawing: http://paxton.info/1082
More information: http://paxton.info/1098



CARDLOCK black plastic reader

The CARDLOCK plastic reader is housed in a smart black plastic cover that helps it to fit discreetly into a number of different environments. A choice of blue, grey and silver covers are also available from your installer.

This reader is compatible with magstripe cards - the most economical type of access control card on the market. Their use makes the reader ideal for those sites with a high rotation of cards.

The CARDLOCK reader is suitable for external use. A user physically swipes their card through the reader.

Scale drawing: http://paxton.info/1057
More information: http://paxton.info/1047

CARDLOCK satin chrome reader

The CARDLOCK satin chrome reader has an exceptionally smart appearance that makes it suitable for a number of different environments. The cover is also replaceable to keep the reader looking fresh and new.

This reader is compatible with magstripe cards - the most economical type of access control card on the market. Their use makes the reader ideal for those sites with a high rotation of cards.

The CARDLOCK reader is suitable for external use. A user physically swipes their card through the reader.

Scale drawing: http://paxton.info/791
More information: http://paxton.info/1048

1
2
3
4
5
6
7
8
9
*
0
#
K38
K50
K75

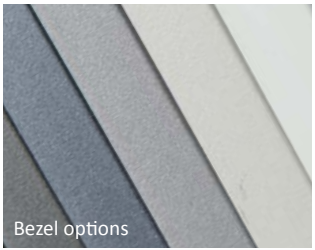
K series keypads

The K series range of keypads have a neat functional appearance and are available in 3 sizes that make them suitable for the majority of organisations. Each keypad has clearly numbered backlit buttons. Each size is useful for different situations. The K38 fits neatly onto a door frame while the K75, the largest, has big, easy to press buttons.

All K series keypads are supplied with two bezels, one dark grey and one off-white. Replacement bezels in a range of colours are available from your installer.

A mounting plate allows the K75 keypad to be mounted to all standard UK backboxes. In addition to the standard pre-wired version, the K75 keypad is also available with screw terminals. This is especially useful for system refits or for 'new builds' with pre-installed cabling.

Scale drawing: http://paxton.info/152
More information: http://paxton.info/1049



Bezel options

1
2
3
4
5
6
7
8
9
*
0
#
K38
K50
K75

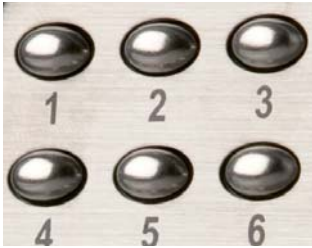
K series stainless steel keypads

The K series stainless steel keypads have a metal bezel and fascia. An understated appearance and availability in three sizes makes them the ideal keypad for a variety of environments.

Each keypad within the range has a low profile (less than 16mm) that guarantees a seamless look.

A mounting plate allows the K75 keypad to be fixed to a standard UK backbox. In addition to the standard pre-wired version, the K75 keypad is also available with screw terminals. This is especially useful for system refits or for 'new builds' with pre-installed cabling.

Scale drawing: http://paxton.info/152
More information: http://paxton.info/1050



1
2
3
4
5
6
7
8
9
*
0
#

Vandal resistant metal keypad

This solid metal 'heavyweight' keypad has been developed to stand up to abuse and is perfect for areas susceptible to vandalism. Its robustness also makes it suitable for 'physical' environments where knocks and scrapes are inevitable.

The keypad incorporates a backlit display and embossed numbers to facilitate the accurate entering of a PIN (or code) even at night. The backlight is also used to denote access permissions; flashing green for access granted and red for access denied.

The standard mounting plate is used to fix the keypad to a wall or a UK backbox. The additional mounting plate incorporates screw terminals allowing cabling to be run in advance. This is useful for new builds or refurbishment projects. The Vandal resistant metal keypad is also supplied with security screws (and tool) to avoid tampering.

Scale drawing: http://paxton.info/1079
More information: http://paxton.info/1099

1
2
3
4
5
6
7
8
9
*
0
#
KP50
KP75

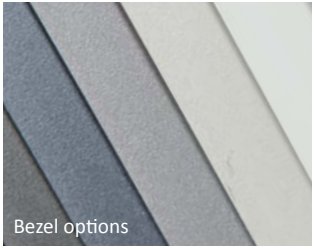
KP series reader keypads

The KP range consists of an all-in-one keypad and a proximity reader. They're available in two different sizes and offer more robust security as they allow for card plus PIN (or code) with a single reader.

Each keypad has clearly numbered backlit buttons and is supplied with a choice of dark grey or off-white bezels. Other colours are available from your installer.

A UK backbox mounting plate is available for use with the KP75. Another version of the KP75 is available with screw terminals that makes it suitable for sites with pre-installed cabling.

Scale drawing: http://paxton.info/1064
More information: http://paxton.info/1051



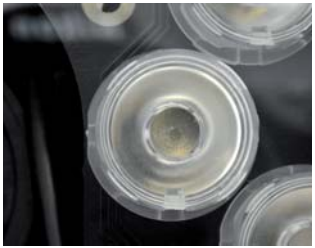
Bezel options

Number plate reader

As its description implies, this device reads a vehicle number plate. It passes the information to the Net2 access control system to determine whether to permit or deny access. Using the Net2 software the registration number can be added to a user record quickly and easily.

Using a built in infrared camera, this reader is able to read the number plate of approaching cars before they come to a complete halt. The Number plate reader is perfect for controlling the access of vehicles through a gate or barrier.

Scale drawing: http://paxton.info/1081
More information: http://paxton.info/1100



Energy saving reader

The Energy saving reader can be used as an electrical switch to control facilities such as lights and air conditioning. These facilities can be turned on by placing a valid proximity card in the holder on the front of the reader. Removing the card turns the equipment off. Of course only cards that have been given the necessary permissions can use the equipment.

Typical uses for the Energy saving reader include using access control cards to switch on lights, air conditioning and audio/visual equipment in a meeting room. Other uses include restricting who is able to operate equipment that requires specialist training such as gym or factory machinery.

Using the Energy saving reader is an excellent way to get the most out of your access control system and cut down on the wasteful use of electricity.

Scale drawing: http://paxton.info/1075
More information: http://paxton.info/1055

Paxton Access

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

+44 (0)1273 811011
sales@paxton.co.uk
http://www.paxton.co.uk