



Paxton Access



About Paxton Access Ltd

Established in 1987, we are based in East Sussex in the UK. Our Chairman Tony Ratcliffe is the owner and the company is run by the Managing Director, Drew Hoggatt. From its inception Paxton Access has aimed for engineering excellence. This means designing and manufacturing intelligent, innovative products that are fit for purpose.

The company has been profitable every year since 1993. We have become a market leader through our constant and sustained efforts to exceed installer's expectations in all areas. We have a sound investor and offer stability for the long term. Our aim for the future is to grow the company organically, funding growth from the previous years profits.



Our products

At Paxton Access we take quality and reliability very seriously. We know just how important it is for installers using our equipment to have easy and trouble free installation, and the minimum of support requirements from their customers.

From the moment a product idea is conceived, a great deal of effort is put into sourcing the best and latest technologies available, to produce the most robust and reliable products we can. We understand that a solid hardware foundation is the basis for a reliable product.

Our products are continually monitored throughout their lifetime and where necessary updated to keep them at the cutting edge.



Our website

We offer an increasing amount of technical data online. We aim to offer a basic level of information in the trade brochure and will continue to do so for many years to come. Throughout this brochure you will notice <http://paxton.info> links. These direct you to more comprehensive data on our website. We have the full range of installation instructions and application notes available online. If you are interested then you can burrow down to see images and descriptions of all product components.

Compact

- ▼ Integrated control electronics
- ▼ All in one system means simple installation
- ▼ Suitable for low/medium security applications
- ▼ Available in proximity, magstripe and keypad



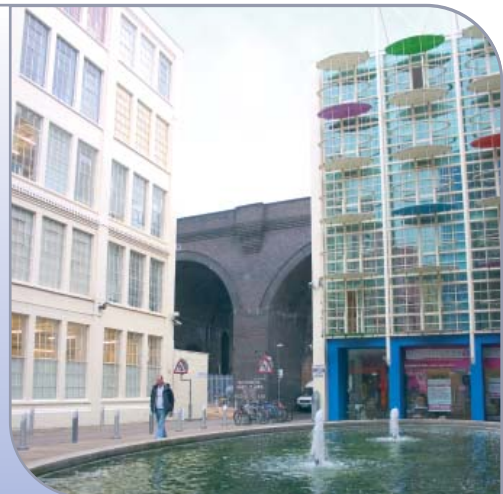
Switch2

- ▼ Stand alone access control system
- ▼ Up to 10,000 users on one site
- ▼ Separate control unit provides higher security
- ▼ Available in proximity, magstripe and keypad



Net2

- ▼ Networked system administered using Windows software
- ▼ Central control over users' access rights and system parameters
- ▼ Event reporting
- ▼ Manageable control over large numbers of doors/users





“Look, no hands!”

1.5m read range from a standard P50 reader...

...Seriously!



Net2Air

Net2Air hands free technology

This year sees the release of Net2Air, a new Paxton product enabling the user to gain access to their premises without the need to present a token directly to a reader. The hands free system comprises an active keyfob, which can be left in your pocket, and a Net2Air interface, which is fitted between the reader and the Net2 control unit.



Net2Air allows standard Paxton readers to achieve a read range of up to 3M. This enhanced range is more convenient as there is no longer any need to take the token out of your pocket to access a door. The door will have unlocked by the time you reach for the handle. Drive up to your premises' car park barrier and watch it open automatically - without leaning out of the window to present your token to the reader! Net2Air makes this possible WITHOUT resorting to using huge induction loops or readers.

P series PROXIMITY readers
See Page 65 for details.



Net2Air hands free keyfob
See Page 76 for details.



Net2Air hands free interface
See Page 81 for details.



“I know, Net2 told me.”

**SMS and Email alerts from Net2
with Triggers & Actions**

...And that's just for starters!



Triggers & Actions

Net2 V4's triggers & actions capability extends the system beyond simply managing access to your building. Alarm or access events in Net2 can be configured to trigger an action in response. A door forced alarm out of hours could be configured to send an SMS with the event details to a patrolling security guard. An email could be sent to a user's supervisor if they clock in late.



The benefits of Triggers & Actions don't end there. With the addition of the Net2 I/O board the Net2 system can be integrated with any number of building systems; lighting, heating, CCTV, elevators and much more. The I/O board's four-mains rated inputs and outputs give triggers & actions incredible flexibility. The options are really only limited by your imagination! To learn more about Net2 triggers and actions, don't hesitate to get in touch with our technical support team or alternatively visit our website to view our comprehensive range of instructions and application notes.

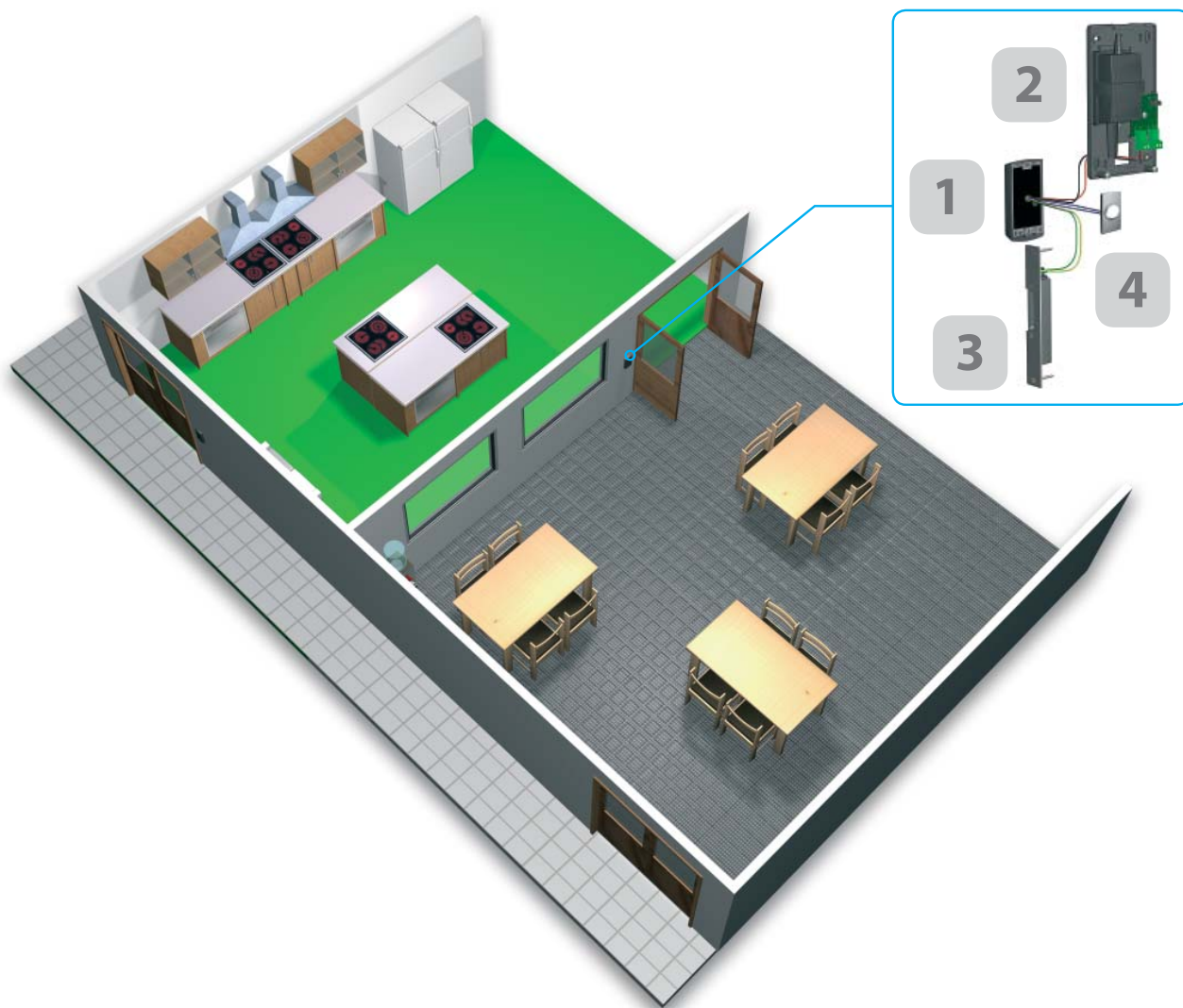
Net2 version 4 software
See Page 64 for details.



Net2 I/O boards
See Page 63 for details.



Compact - A simple compact system



The diagram above shows a school canteen. The kitchen door has been secured by a PROXIMITY compact system to prevent children gaining access. Compact systems are combined readers and control units and so are ideally suited to controlling access on this type of low security door. The 'all in one' construction makes for a very simple and quick installation.

1

PROXIMITY compact system

Combined proximity reader and control unit. Simply connect to the lock, power supply and exit button.

PROXIMITY P50 compact
See Page 10 for details.



2

Power supply

12Vdc power supply. A battery backup supply can be fitted if required.

12V d.c. 1A PSU
See Page 21 for details.



3

Electric lock

Standard 12Vdc electric release. Compact systems can operate 'fail closed' and 'fail open' types of release such as maglocks.

Fail open electric release
See Page 23 for details.



4

Exit button

Compact systems can be connected to any 'push to make' exit button.

PROXIMITY keyfob pack
See Page 16 for details.



Red Zone, Staff Room



The system leading to the staff room has been programmed to only permit access to red token holders.

Amber Zone, Kitchen



The system leading to the kitchen has been programmed to only permit access to red and amber token holders

Green Zone, Canteen



The system leading to the canteen will permit access to tokens of all colours

Restricting access by token colour

The diagram above shows a school canteen with 3 areas secured using PROXIMITY compact systems. Different types of users are issued different colours of token.

Teachers - Access to the staff room, kitchen and canteen.

Kitchen staff - Access to the kitchen and canteen.

Pupils - Access to the canteen only.

This simple example demonstrates how multiple compact systems can be configured to provide grouped access rights.

PROXIMITY green keyfob
See Page 16 for details.



PROXIMITY amber keyfob
See Page 16 for details.



PROXIMITY function card pack
See Page 17 for details.



PROXIMITY red keyfob
See Page 16 for details.



Compact range - reader/control units



PROXIMITY P38 compact reader

333-210

£130.00



PROXIMITY P50 compact reader

353-210

£130.00



PROXIMITY P75 compact reader

373-210

£130.00



PROXIMITY compact vandal proof reader

326-735

£170.00



CARDLOCK compact reader satin chrome

945-803SC

£210.00

Compact range - tokens



PROXIMITY 100 card pack green

830-100G

£350.00



PROXIMITY 100 keyfob pack green

820-100G

£350.00



PROXIMITY function card pack

820-000

£40.00



CARDLOCK 100 card starter pack

850-100

£150.00



CARDLOCK function card pack

877-012

£40.00



PROXIMITY encoding system USB

412-500

£70.00

Compact range - accessories



12V dc 1A power supply in black plastic housing

998-241

£14.00



12V 1.2AH battery for 1A boxed PSU

339-425

£15.00



1A 12V dc boxed backup power supply

339-424

£49.50



2A 12V dc boxed power supply with mains monitoring

857-693

£84.00



75 series UK back box adaptor kit

310-750

£5.00



TOUCHLOCK K38 compact keypad

331-210 £85.00



TOUCHLOCK K50 compact keypad

351-210 £85.00



TOUCHLOCK K75 compact keypad

371-210 £85.00



TOUCHLOCK K38 stainless steel compact keypad

332-210 £105.00



TOUCHLOCK K50 stainless steel compact keypad

352-210 £105.00



TOUCHLOCK K75 stainless steel compact keypad

372-210 £105.00



PROXIMITY enrolment card plus for additional site

542-990 £50.00



Unencoded PROXIMITY keyfob green

202-325G £2.50



Unencoded PROXIMITY card green

202-668G £2.50



Unencoded PROXIMITY Watchprox, gold

202-782GD £2.50



Unencoded PROXIMITY ISO card

202-630 £4.00



Exit button E38

336-310 £25.00



Exit button E50

356-310 £25.00



Exit button E75

376-310 £25.00



Exit button E75 with screw connector

376-320 £25.00



PROXIMITY P series compact readers

An access control system that's genuinely easy to use

All cards are immediately valid

A lost card can be deleted in seconds

Extra card packs can be purchased ex-stock

Control over access by token colour

IP67 rated - suitable for external use

Up to 10,000 users on one site

About

PROXIMITY compact is a single door access control system. All of the electronics are within the housing of the reader. Compact systems can be installed to many doors over a site, all using the same cards. The P series readers are supplied with a choice of black or white fascias that can be fitted in the final stages of installation. The P series readers are available in three sizes as shown in the illustration below.

Installation

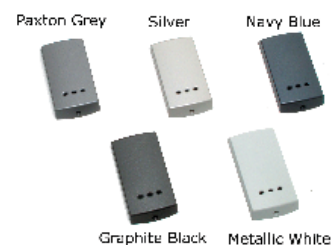
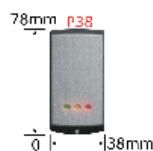
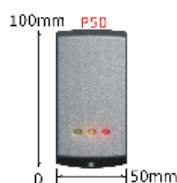
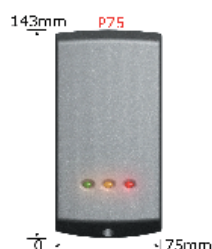
The compact reader has two wires which connect to the lock and two wires which connect to the power supply. There are two wires for connection to an exit button if required. The cable exits centrally from the back of the reader making drilling and mounting very accurate. Once installed present the enrolment card to the reader. All the tokens in the pack are now valid. This completes the installation!

Operation

User tokens are valid and ready for use once installation is complete. Every user token is supplied with a corresponding shadow token. As user tokens are issued, the name of the user is marked on the shadow card. If a user is to be barred, or a user card is lost, the shadow token marked with the users' name is presented to all readers on site. This simple action invalidates the user card. Another user card may be issued for that user. Additional features can be programmed using the PROXIMITY function card pack. These features include zoning which allows you to limit access by token colour.

Web links

http://paxton.info/1	Specifications
http://paxton.info/2	How to install
http://paxton.info/3	How to program
http://paxton.info/4	How to use zoning
http://paxton.info/5	Installation instructions
http://paxton.info/6	Fascia colours
http://paxton.info/7	3D visual
http://paxton.info/116	Scale drawing
http://paxton.info/516	P75 UK backbox adapter



Sales code	Description	Retail price
333-210	PROXIMITY P38 compact reader	£130.00
353-210	PROXIMITY P50 compact reader	£130.00
373-210	PROXIMITY P75 compact reader	£130.00



PROXIMITY vandal proof compact reader

A simple solution for vulnerable areas

All cards are immediately valid

A lost card can be deleted in seconds

Extra card packs can be purchased ex-stock

Control over access by token colour

Up to 10,000 users on one site

IP67 rated - suitable for external use

Locks/power supplies/tokens sold separately

About

PROXIMITY compact vandal proof reader is a single door access control system with all of the electronics within the housing of the reader. Compact systems can be installed to many doors over a site, all using the same cards. The compact vandal proof reader's cylindrical construction means that all the control electronics may be buried in a wall. This reader is ideal where access control is required on a door at risk of vandalism. The end cap is used as a marker, so users know where to present their tokens. A black and a white end cap are provided with the reader. Six additional colours are also available through registered installers, allowing the most harmonious choice to be made for the building.

Installation

The compact reader has two wires which connect to the lock and two wires which connect to the power supply. There are two wires for connection to an exit button if required. The vandal proof reader is buried into the wall. The most secure mounting is in a blind hole (see illustration below). Once installed, present the enrolment card to the reader. All the tokens in the pack are now valid.

Web links

http://paxton.info/96	Specifications
http://paxton.info/3	How to program
http://paxton.info/4	How to use zoning
http://paxton.info/8	Installation instructions
http://paxton.info/9	3D visual

Operation

User tokens are valid and ready for use once installation is complete. Every user token is supplied with a corresponding shadow card. As user tokens are issued, the name of the user is marked on the shadow card. If a user is to be barred, or a user card is lost, the shadow card marked with the users' name is presented to any readers on site. This simple action invalidates the user card. Another user token may be issued for that user. Additional features can be programmed using the PROXIMITY function card pack. These features include zoning which allows you to limit access by zone colour.



Sales code	Description	Retail price
326-735	PROXIMITY compact vandal proof reader	£170.00



CARDLOCK compact readers

Cards are low cost

An access control system that's easy to use

All cards are immediately valid

A lost card can be deleted in seconds

Control over access by card colour

Up to 10,000 users on one site

Locks/power supplies/tokens sold separately

IPX7 rated - suitable for external use

About

CARDLOCK compact is a single door access control system with all of the electronics within the housing of the reader. Compact systems can be installed to many doors over a site, all using the same cards. The reader is supplied with a smart satin chrome finish.

Installation

The compact reader has two wires which connect to the lock and two wires which connect to the power supply. There are two wires for connection to an exit button if required. Use the template provided to mark and drill holes for the cable and screws. Once installed swipe the enrolment card through the reader. All the cards in the pack are now valid. This completes the installation!

Web links

http://paxton.info/10	Specifications
http://paxton.info/12	How to install
http://paxton.info/11	How to program
http://paxton.info/4	How to use zoning
http://paxton.info/12	Installation instructions
http://paxton.info/13	3D Visual

Operation

User cards are valid and ready for use once installation is complete. Every user card is supplied with a corresponding paper shadow card. As user cards are issued, the name of the user is marked on the shadow card. If a user is to be barred, or a user card is lost, the shadow card marked with the users' name is swiped through all of the readers on site. This simple action invalidates the user card. Another user card may be issued for that user. Additional features can be programmed using the CARDLOCK function card pack. These features include zoning which allows you to limit access by token colour.

Sales code	Description	Retail price
945-803SC	CARDLOCK compact reader satin chrome	£210.00



TOUCHLOCK K series compact keypads

Supplied with a choice of black or white bezels

3 sizes

4 to 8 digit codes

Up to 50 codes

Optional 20 digit lockout

1 to 99 sec door open time

Locks/power supplies sold separately

IP67 rated - suitable for external use

About

TOUCHLOCK compact is a single door access control system. All of the electronics are within the housing of the keypad. Compact systems can be installed to many doors over a site. The K series keypads are supplied with a choice of black or white bezels that can be fitted in the final stages of installation. The K series keypads are available in three sizes as shown in the illustration below.

Installation

The compact keypad has two wires which connect to the lock and two wires which connect to the power supply. There are two wires for connection to an exit button if required. The cable exits centrally from the back of the keypad making drilling and mounting very accurate. All settings and codes are programmed via the keypad using the master code.

Operation

If a valid code is entered access is granted. Codes are changed via the keypad using the master code.

Web links

http://paxton.info/14	Specifications
http://paxton.info/20	How to program
http://paxton.info/21	Installation instructions
http://paxton.info/17	Bezel colours
http://paxton.info/18	3D Visual
http://paxton.info/153	Scale drawing
http://paxton.info/516	K75 UK backbox adapter



Sales code	Description	Retail price
331-210	TOUCHLOCK K38 compact keypad	£85.00
351-210	TOUCHLOCK K50 compact keypad	£85.00
371-210	TOUCHLOCK K75 compact keypad	£85.00



TOUCHLOCK K series stainless steel compact keypads

Robust stainless steel keypad

3 sizes

4 to 8 digit codes

Up to 50 codes

Optional 20 digit lockout

1 to 99 sec door open time

Locks/power supplies sold separately

IP67 rated - suitable for external use

About

TOUCHLOCK compact is a single door access control system with all of the electronics within the housing of the keypad. Compact systems can be installed to many doors over a site. The K series keypads are available in three sizes as shown in the illustration below.

Installation

The compact keypad has two wires which connect to the lock and two wires which connect to the power supply. There are two wires for connection to an exit button if required. The cable exits centrally from the back of the keypad making drilling and mounting very accurate. All settings and codes are programed via the keypad using the master code.

Operation

If a valid code is entered access is granted. Codes are changed via the keypad using the master code.

Web links

<http://paxton.info/19>

Specifications

<http://paxton.info/20>

How to program

<http://paxton.info/21>

Installation instructions

<http://paxton.info/22>

3D visual

<http://paxton.info/152>

Scale drawing

<http://paxton.info/516>

K75 UK backbox adapter



Sales code	Description	Retail price
332-210	TOUCHLOCK K38 stainless steel compact keypad	£105.00
352-210	TOUCHLOCK K50 stainless steel compact keypad	£105.00
372-210	TOUCHLOCK K75 stainless steel compact keypad	£105.00



PROXIMITY card packs

For use with Compact and Switch2 systems

A lost card can be voided with a shadow card

One shadow card is provided per user

Additional packs can be added easily

Simple function cards are included

Choice of pack sizes

Choice of pack colour for using coloured zones

All users are valid after enrolment

About

PROXIMITY card packs are for use with PROXIMITY compact and Switch2 systems. The cards are supplied in wallets. An intuitive 'shadow card' system is used for ease of management.

Installation

When installing the system the first card pack is added by presenting the Enrolment card from that pack. Subsequent packs are added by presenting the original Enrolment card followed by the Enrolment card from the new pack. Further configuration is done using the other cards in the pack.

Web links

<http://paxton.info/3>

How to program the system

<http://paxton.info/74>

How to use PROXIMITY card packs

<http://paxton.info/61>

3D visual

Door open time card: Sets the amount of time the lock is energised for.

Fail open release card: Only for use with PROXIMITY compact. Presenting this card reverses the operation of the lock output to make it suitable for operating a fail open release. Presenting this card again reverts operation to normal.

Silent operation card: Disables the sounder in the reader. The sounder is enabled by presenting the card again.

Operation

User cards are supplied in wallets. Each card is packaged with a corresponding shadow card. Once installation of the system is complete all user cards are valid and ready to be issued. To issue a user card, remove it from the wallet and write the name of the user on its corresponding shadow card. The user may now use their card to gain access. This process is repeated for all users. If a card needs to be invalidated, the corresponding shadow card is removed from the wallet and presented to any relevant readers on the site. This invalidates the card.

Sales code	Description	Retail price
830-010A	PROXIMITY 10 card pack amber	£60.00
830-010G	PROXIMITY 10 card pack green	£60.00
830-010R	PROXIMITY 10 card pack red	£60.00
830-025A	PROXIMITY 25 card pack amber	£110.00
830-025G	PROXIMITY 25 card pack green	£110.00
830-025R	PROXIMITY 25 card pack red	£110.00
830-050A	PROXIMITY 50 card pack amber	£190.00
830-050G	PROXIMITY 50 card pack green	£190.00
830-050R	PROXIMITY 50 card pack red	£190.00
830-100A	PROXIMITY 100 card pack amber	£350.00
830-100G	PROXIMITY 100 card pack green	£350.00
830-100R	PROXIMITY 100 card pack red	£350.00



PROXIMITY keyfob packs

For use with Compact and Switch2 systems

Keyfobs have a lifetime guarantee

A lost keyfob can be voided with a shadow card

Packs can be added easily

Simple function cards are included

All users are valid after enrolment

Choice of pack colour for using coloured zones

Choice of pack sizes

About

PROXIMITY keyfob packs are for use with PROXIMITY compact and Switch2 systems. An intuitive 'shadow card' system is used for ease of management. The keyfobs are supplied with a wallet for storing the shadow cards.

Installation

When installing the system the first keyfob pack is added by presenting the Enrolment card from that pack. Subsequent packs are added by presenting the original Enrolment card followed by the Enrolment card from the new pack. Further configuration is done using the other cards in the pack.

Web links

http://paxton.info/3	How to program the system
http://paxton.info/74	How to use PROXIMITY Keyfob packs
http://paxton.info/62	3D visual

Door open time card: Sets the amount of time the lock is energised for.

Fail open release card: Only for use with PROXIMITY compact. Presenting this card reverses the operation of the lock output to make it suitable for operating a fail open release. Presenting this card again reverts operation to normal.

Silent operation card: Disables the sounder in the reader. Sounder is enabled by presenting the card again.

Operation

Each keyfob is packaged with a corresponding shadow card. Once installation of the system is complete all user cards are valid and ready to be issued. To issue a keyfob, remove it from the wallet and write the name of the user on its corresponding shadow card. The user may now use their keyfob to gain access. This process is repeated for all users. If a keyfob needs to be invalidated, the corresponding shadow card is removed from the wallet and presented to any relevant readers on the site. This invalidates the keyfob.

Sales code	Description	Retail price
820-010A	PROXIMITY 10 keyfob pack amber	£60.00
820-010G	PROXIMITY 10 keyfob pack green	£60.00
820-010R	PROXIMITY 10 keyfob pack red	£60.00
820-025A	PROXIMITY 25 keyfob pack amber	£110.00
820-025G	PROXIMITY 25 keyfob pack green	£110.00
820-025R	PROXIMITY 25 keyfob pack red	£110.00
820-050A	PROXIMITY 50 keyfob pack amber	£190.00
820-050G	PROXIMITY 50 keyfob pack green	£190.00
820-050R	PROXIMITY 50 keyfob pack red	£190.00
820-100A	PROXIMITY 100 keyfob pack amber	£350.00
820-100G	PROXIMITY 100 keyfob pack green	£350.00
820-100R	PROXIMITY 100 keyfob pack red	£350.00



PROXIMITY function card pack

For use with Compact and Switch2 systems

Function card pack unlocks advanced functions

Coloured zoning - control access of users by token colour

Bar all users

Card plus PIN

Toggling output

About

For use with PROXIMITY compact and Switch2 systems. The Function card pack unlocks the more advanced features of these systems.

Installation

The PROXIMITY Function card pack needs to be enrolled. This is done by presenting the Enrolment card from the original card pack followed by the Enrolment card in the Function card pack.

Web links

http://paxton.info/75	How to use Function Cards
http://paxton.info/4	How to use zoning
http://paxton.info/64	3D visual

Operation

The various cards in the pack are used to configure the different functions.

Zone cards: There are three zone cards; green, amber and red. The point of zoning is to restrict the access privileges of groups of users dependant on the colour of their token. Presenting any of the three Zone cards to a reader will turn off the LED of that colour. Users with that colour user token will not be granted access. If the same Zone card is presented again the LED will turn back on. This means that users with that colour token will be granted access.

Time zones: This function allows a coloured zone be activated/de-activated by a time clock.

Remote release: This card returns a system from the time zones mode back to its default state, where the exit button contacts may be used for a press to exit button.

Card plus PIN: This allows PROXIMITY and TOUCHLOCK systems to be connected together to give card plus code access control.

Bar all users: A freshly installed PROXIMITY system will recognise and admit all users from the enrolled token packs. In some cases it may be more appropriate to start with all tokens invalid so they may be validated individually.

Relay toggle card: For use with Switch2 only. This changes the operation of the relay from momentary to toggling (or latching). If a valid token is presented the relay will switch. The relay will remain switched until either the same or any other valid token is presented.

Sales code	Description	Retail price
820-000	PROXIMITY function card pack	£40.00



PROXIMITY encoding system

- Simple PC software to encode user tokens
- Save money on tokens by buying them unencoded
- Shadow cards encoded as required
- Single cable USB encoder
- Re-encode and re-issue returned tokens
- Simplified management for large numbers of users
- Ideal for clubs, leisure centres etc.

About

For sites with a large number of users (40+) the PROXIMITY encoding system may be a good alternative to PROXIMITY card/keyfob packs. By eliminating the need for a shadow card for every user token the price per user is reduced and the overall system cost can go down. The encoding system uses intuitive PC software so the management of large numbers of users is simplified.

Installation

A PC with a USB port, CDROM and Windows 2000 or XP is required. Connect the encoder to the USB port and install the software. When the software is run for the first time you will be prompted to present the Enrolment card plus. Then you are ready to begin adding users!

Web links

http://paxton.info/23	Installation instructions
http://paxton.info/24	How to use for more than one site
http://paxton.info/66	3D visual

Operation

To issue a token, the users' name is entered. The unencoded token is then placed within range of the encoder and the user data is encoded to the token. The token is immediately valid and can be issued to the user. If a user token is lost a shadow can be produced using any spare token. Once encoded the shadow token is presented to any relevant readers on the site. The missing user token is now barred. If a lost token is found it may be identified by presenting it at the encoder.

Installers may wish to offer the service of supplying new tokens. The encoding software allows the installer to encode additional tokens for each of their customer's sites. Each additional site requires an additional Enrolment card plus.

Sales code	Description	Retail price
412-500	PROXIMITY encoding system USB	£70.00
542-990	PROXIMITY enrolment card plus for additional site	£50.00
202-630	Unencoded PROXIMITY ISO card	£4.00
202-782SL	Unencoded PROXIMITY Watchprox, silver	£2.50
202-782GD	Unencoded PROXIMITY Watchprox, gold	£2.50
202-782BL	Unencoded PROXIMITY Watchprox, black	£2.50
202-325G	Unencoded PROXIMITY keyfob green	£2.50
202-668G	Unencoded PROXIMITY card green	£2.50
202-325A	Unencoded PROXIMITY keyfob amber	£2.50
202-325R	Unencoded PROXIMITY keyfob red	£2.50
202-668A	Unencoded PROXIMITY card amber	£2.50
202-668R	Unencoded PROXIMITY card red	£2.50



CARDLOCK cards

For use with CARDLOCK compact and Switch2 systems

A lost card can be voided with a shadow card

One shadow card is provided per user

All users are valid after enrolment

Choice of pack sizes

Use with compact and Switch2

Supplied in convenient card wallets

Choice of card colour for using coloured zones

About

CARDLOCK cards are for use with CARDLOCK compact and Switch2 systems. Only one Starter pack should be purchased per site. Any extra cards can be ordered at the same time as the Starter pack. If additional cards are needed for an existing site then the order card from the Starter pack is required.

Installation

The system is enrolled by swiping the Enrolment card from the Starter pack. Further configuration is done using the other cards in the pack.

Door open time card: Sets the amount of time the lock is energised for.

Fail open release card: Only for use with CARDLOCK compact.

Swiping this card reverses the operation of the lock output to make it suitable for operating a fail open release. Swiping this card again reverts operation to normal.

Silent operation card: Disables the sounder in the reader. The sounder is enabled by Swiping the card again.

Operation

User cards are supplied in wallets. Each card is packaged with a corresponding paper shadow card. Once installation of the system is complete all user cards are valid and ready to be issued. To issue a user card, remove it from the wallet and write the name of the user on its corresponding shadow card. The user may now use their card to gain access. This process is repeated for all users. If a card needs to be invalidated, the corresponding shadow card is removed from the wallet and swiped through any relevant readers on site. This invalidates the card. Magstripe cards are expected to last for 10,000 operations when used in normal conditions.

Order card: This is required when ordering additional cards for a site.

Web links

http://paxton.info/11	How to program the system
http://paxton.info/25	How to use CARDLOCK card packs
http://paxton.info/26	Order form for additional cards
http://paxton.info/27	How to deal with a lost order card
http://paxton.info/63	3D visual

Sales code	Description	Retail price
850-010	CARDLOCK 10 card starter pack	£20.00
850-050	CARDLOCK 50 card starter pack	£80.00
850-100	CARDLOCK 100 card starter pack	£150.00
875-001G	CARDLOCK 1 extra user card green	£1.50
875-001A	CARDLOCK 1 extra user card amber	£1.50
875-001R	CARDLOCK 1 extra user card red	£1.50
875-001B	CARDLOCK 1 extra user card blank	£1.50



CARDLOCK function card pack

For use with Compact and Switch2 systems

Function card pack unlocks advanced features

Coloured zoning - control access of users by token colour

Bar all users

Card plus PIN

Toggling output

About

For use with CARDLOCK compact and Switch2 systems. The Function card pack unlocks the more advanced features of these systems.

Requires order card from starter pack if purchasing separately.

Installation

The CARDLOCK Function card pack must be ordered with the Starter pack or by using the order card from your Starter pack. It is ready to use with your system.

Web links

http://paxton.info/4	How to use Zoning
http://paxton.info/65	3D visual

Operation

The various cards in the pack are to configure the different functions.

Zone cards: There are three zone cards; green, amber and red. The point of zoning is to restrict the access privileges of groups of users dependant on the colour of their card. Swiping any of the three Zone cards to a reader will turn off the LED of that colour. Users with that colour user card will not be granted access. If the same Zone card is swiped again the LED will turn back on. This means that users with that colour card will be granted access.

Time zones: This function allows a coloured zone be activated/deactivated by a time clock.

Remote release: This card returns a system from the time zones mode back to its default state, where the exit button contacts may be used for a press to exit button.

Card plus PIN: This allows CARDLOCK and TOUCHLOCK systems to be connected together to give card plus code access control.

Bar all users: A freshly installed CARDLOCK system will recognise and admit all users cards that have been ordered for it. In some cases it may be more appropriate to start with all cards invalid so they may be validated individually.

Relay toggle card: For use with Switch2 only. This changes the operation of the relay from momentary to toggling (or latching). If a valid card is swiped the relay will switch. The relay will remain switched until either the same or any other valid card is swiped.

Sales code	Description	Retail price
877-012	CARDLOCK function card pack	£40.00



Power supplies

A range of 12V dc power supplies

Backup batteries

1 or 2 Amp supplies

Different enclosure options

About

A range of 12V dc power supplies for use with Paxton systems. All are designed to connect to a standard UK mains supply via a switched fused spur connection.

The 998-241 is a 12Vdc power supply in a plastic enclosure. This is a low cost alternative to the boxed backup power supplies.

The 339-424 and the 857-693 are boxed backup power supplies. This means that when installed with the appropriate battery (listed), the power supply will continue to provide 12Vdc for an extended period in the event of a power failure. The exact duration of the backup period will be dependent on the power consumption of the access control system and the capacity of the battery.

The batteries available are a 1.2 Amp hour item for the 1A boxed power supply, and a 7 Amp hour battery for the 2A boxed power supply. They are of the lead acid gel type, and are maintenance free. They have a five year life when used within electrical and temperature specifications.

Installation

Installation for each power supply differs. Instructions are supplied with each unit.

Web links

<http://paxton.info/90>

Installation instructions 857-693

998-241



339-424



339-425



857-693



862-719



Sales code	Description	Retail price
998-241	12V dc 1A power supply in black plastic housing	£14.00
339-424	1A 12V dc boxed backup power supply	£49.50
339-425	12V 1.2AH battery for 1A boxed PSU	£15.00
857-693	2A 12V dc boxed power supply with mains monitoring	£84.00
862-719	12V 7AH battery for 2A boxed PSU	£22.50



Exit buttons

Robust metal exit button

Supplied with a choice of black or white bezels

3 sizes

Green LED

Complements PROXIMITY readers and keypads

About

Exit buttons may be used with Compact, Switch2 or Net2 systems. They are designed to match our range of PROXIMITY readers and keypads. The exit buttons are supplied with a choice of black or white fascias which can be fitted in the final stages of installation. The exit buttons are available in three sizes as shown in the illustration below.

Installation

The installation instructions show how the exit button is wired to Compact, Switch2 and Net2 systems. The E75 exit button fits on a standard UK recessed backbox.

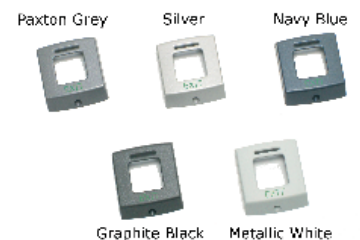
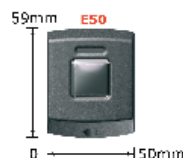
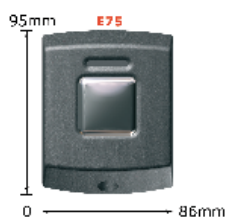
The exit button with screw connectors is not pre-wired. It is supplied with rising clamp terminals at the rear.

Web links

http://paxton.info/28	Installation instructions
http://paxton.info/29	3D visual
http://paxton.info/104	Bezel colours
http://paxton.info/156	Scale drawing

Operation

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).



Sales code	Description	Retail price
336-310	Exit button E38	£25.00
356-310	Exit button E50	£25.00
376-310	Exit button E75	£25.00
376-320	Exit button E75 with screw connector	£25.00



Electric locks

12V d.c. operation

Rim and mortice fitting

Fits with standard latches

Fail open or fail closed options

Attractive satin chrome finish

About

These are good general purpose devices with mortice plates and rims cases included to suit the two types of installation.

Installation

Remove the cover of the electric release. Connect the two core cables to the terminals inside the release. Replace the cover of the release. Screw the release into the jamb.

If you are using the rim fitting, do not refit the side plate.

Sales code	Description	Retail price
600-750	12V dc fail locked electric release kit	£29.50
592-461	12V dc fail open release kit	£59.00



UK backbox adapter - 75 series

Use with any 75mm Paxton Access reader

Fits onto standard UK electrical backboxes

Supplied in both black and white

About

The adapter allows any 75mm Paxton Access reader to be mounted to a standard UK electrical backbox.

Compatible Readers

PROXIMITY P75 reader

PROXIMITY KP75 keypad

TOUCHLOCK K75 keypad

TOUCHLOCK K75 stainless steel keypad

The adaptor also fits 75mm readers from the Paxton Access 'Compact' range.

Installation

The adapter is mounted to a standard backbox using the fixing screws provided. The 75mm reader is then mounted onto the adapter using the fitting kit provided with the reader.

Sales code	Description	Retail price
310-750	75 series UK back box adaptor kit	£5.00



Standalone demonstration equipment

TOUCHLOCK and PROXIMITY versions

Low cost desktop units

Smart case with rechargeable battery

Can be ordered directly from Paxton Access

About

These products allow an installer to demonstrate system functionality to customers. Seeing and using the system increases the chance of the customer placing an order. As the units are used to sell Paxton systems they are sold at greatly reduced prices. In contrast to the rest of the product range, demonstration equipment can be ordered directly from Paxton Access.

3 units are available; a PROXIMITY compact desktop unit, a PROXIMITY compact case and a TOUCHLOCK compact desktop unit.

Installation

The units are provided ready to use. System, tokens and power supply are all provided.

To order demonstration equipment call Paxton Access on: +44 (0) 845 838 1716



Sales code	Description	Retail price
519-687	TOUCHLOCK demonstration unit	£60.00
519-686	PROXIMITY demonstration unit	£60.00
541-822	PROXIMITY demonstration case	£80.00

Switch2 - A simple Switch2 system



The Switch2 system is a stand alone access control system meaning that it is not administered centrally. The system comprises of a separate reader and control unit. This makes Switch2 suitable for high security, external doors. The example above shows Switch2 securing the external doors of a leisure club. It is ideal for this application as it is secure and simple to manage.

1

Control unit and power supply

Every door needs a control unit. The unit can be supplied with a 12Vdc power supply.

Switch2 in plastic housing
See Page 30 for details.



2

Reader

1 or 2 readers can be fitted to each door. There is a wide range of readers compatible with Net2 including proximity, magstripe and keypads.

PROXIMITY P50 reader
See Page 31 for details.



3

Exit button

Switch2 systems can be connected to any 'push to make' button to enable egress.

E series exit button
See Page 48 for details



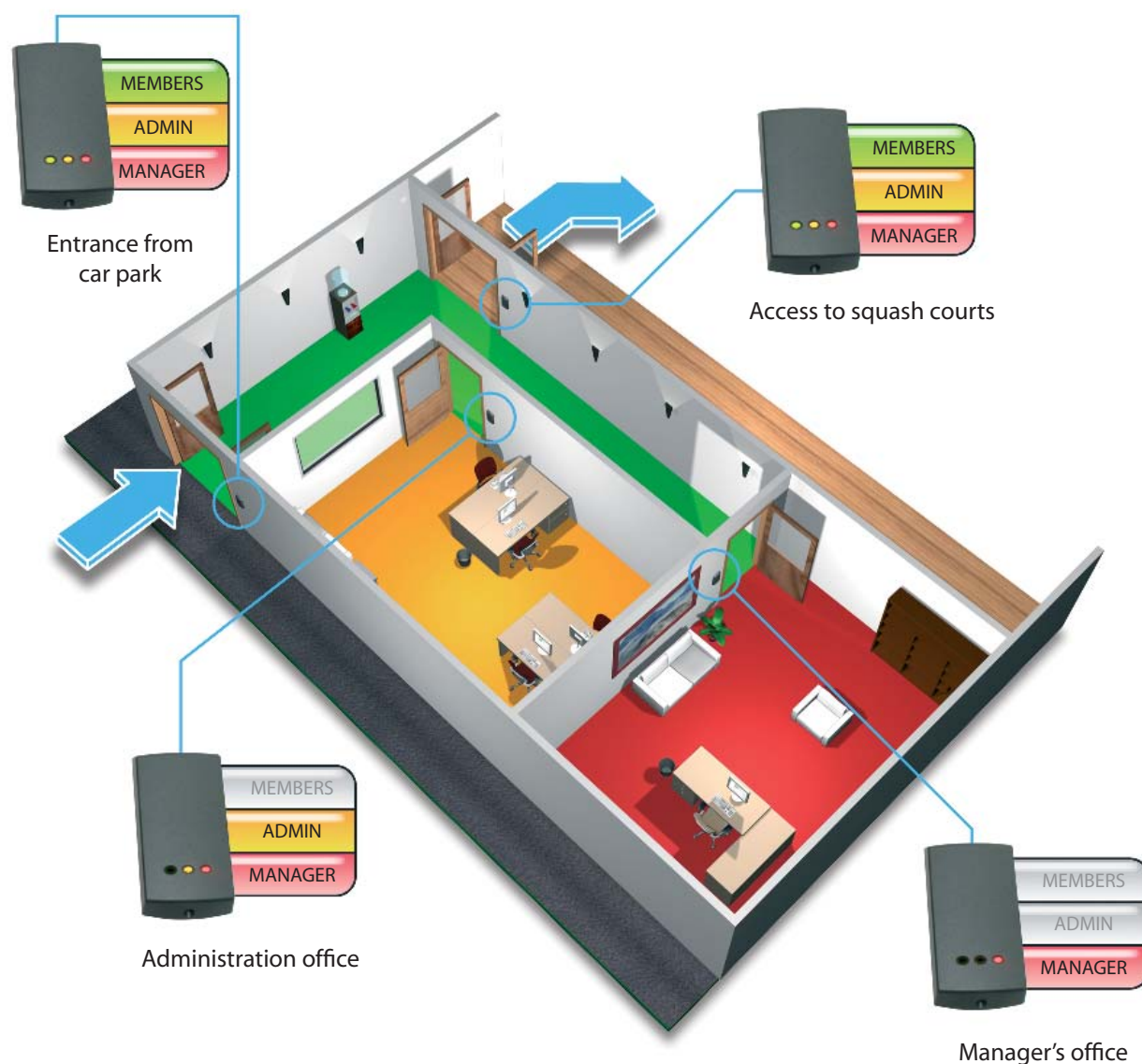
4

Electric Lock

The Switch2 control unit has voltage free relay contacts. This means that it is capable of operating any type of electric lock.

Fail open electric release
See Page 50 for details.





Restricting access by token colour

The diagram above shows a leisure centre with 3 areas secured using Switch2 systems. Different types of users are issued different colours of token.

- Management** - Access all areas
- Administration** - Access to the admin office and squash courts
- Members** - Access to the squash courts only

This simple example demonstrates how multiple Switch2 systems can be configured to provide grouped access rights.

PROXIMITY function card pack
See Page 43 for details.



PROXIMITY green keyfob
See Page 42 for details.



PROXIMITY amber keyfob
See Page 42 for details.



PROXIMITY red keyfob
See Page 42 for details.



Switch2 range - control units



Switch2 control unit
405-321 £80.00



Switch2 control unit and 1A
PSU in black plastic housing
242-166 £95.00

Switch2 - readers



PROXIMITY KP50 keypad
355-110 £120.00



PROXIMITY KP75 keypad
375-110 £120.00



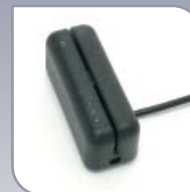
PROXIMITY backbox reader
black
370-225BL £135.00



PROXIMITY backbox reader
white
370-225WT £135.00



CARDLOCK reader satin
chrome
409-711SC £110.00



CARDLOCK reader black
plastic external
266-898 £60.00

Switch2 - tokens



PROXIMITY 100 card pack
green
830-100G £350.00



PROXIMITY 100 keyfob
pack green
820-100G £350.00



PROXIMITY function card
pack
820-000 £40.00



CARDLOCK 100 card starter
pack
850-100 £150.00



CARDLOCK function card
pack
877-012 £40.00



PROXIMITY encoding
system USB
412-500 £70.00

Compact range - accessories



12V dc 1A power supply in
black plastic housing
998-241 £14.00



12V 1.2AH battery for 1A
boxed PSU
339-425 £15.00



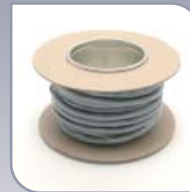
12V 7AH battery for 2A
boxed PSU
862-719 £22.50



1A 12V dc boxed backup
power supply
339-424 £49.50



2A 12V dc boxed power
supply with mains
monitoring
857-693 £84.00



Reader cable 10 core CR9540
10m roll
166-010 £12.00

Switch2 range - readers



PROXIMITY P38 reader
333-110 £99.00



PROXIMITY P50 reader
353-110 £99.00



PROXIMITY P75 reader
373-110 £99.00



PROXIMITY vandal proof reader
568-855 £135.00



PROXIMITY panel mount reader
390-135 £135.00



PROXIMITY metal reader
390-747 £150.00



TOUCHLOCK K38 keypad
331-110 £60.00



TOUCHLOCK K50 keypad
351-110 £60.00



TOUCHLOCK K75 keypad
371-110 £60.00



TOUCHLOCK K38 stainless steel keypad
332-110 £80.00



TOUCHLOCK K50 stainless steel keypad
352-110 £80.00



TOUCHLOCK K75 stainless steel keypad
372-110 £80.00



PROXIMITY enrolment card plus for additional site
542-990 £50.00



Unencoded PROXIMITY keyfob green
202-325G £2.50



Unencoded PROXIMITY card green
202-668G £2.50



Unencoded PROXIMITY Watchprox, silver
202-782SL £2.50



Unencoded PROXIMITY ISO card
202-630 £4.00

Exit buttons



Exit button E38
336-310 £25.00



Exit button E50
356-310 £25.00



Exit button E75
376-310 £25.00



Exit button E75 with screw connector
376-320 £25.00



Switch2 control units

Separate control unit - high security

Read in and read out

Compatible with PROXIMITY, CARDLOCK or TOUCHLOCK readers

Card plus PIN

Up to 50 codes or 10,000 card users

Control over access by token colour

Flexible voltage free relay output

About

Switch2 is a single door control unit. The control unit stores the access permissions of the user and is mounted within the building. This makes the system suitable for high security applications.

Switch2 can be used with PROXIMITY, CARDLOCK or TOUCHLOCK readers. Switch2 can be installed to many doors over a site, all using the same tokens. Two readers can be connected to a single unit to give read in and read out access control.

Installation

There is a label on the Switch2 unit that clearly shows connections for a reader, lock, power supply etc. The Switch2 has a voltage free relay output and so can switch any lock or electrical device. Door contacts can be connected to the unit. An output is available when used with door contacts to give a door forced alarm. Once installed with PROXIMITY or CARDLOCK readers, present the enrolment card to the reader. All the tokens in the pack are now valid. If using TOUCHLOCK, set up is via the keypad using the master code.

Operation

The operation of Switch2 depends on the mode. PROXIMITY and CARDLOCK. User tokens are valid and ready for use once installation is complete. Every user token is supplied with a corresponding shadow card. As user tokens are issued, the name of the user is marked on the shadow card. If a user is to be barred, or a user token is lost, the shadow card marked with the users' name is presented to all readers on site. This simple action invalidates the user token. Another user token may be issued for that user.

Additional features can be programmed using the PROXIMITY or CARDLOCK function card pack. These features include zoning which allows you to limit access by token colour.

TOUCHLOCK. If a valid code is entered access is granted. Codes are changed via the keypad using the master code.

Web links

http://paxton.info/42	Specifications
http://paxton.info/3	How to program PROXIMITY
http://paxton.info/11	How to program CARDLOCK
http://paxton.info/15	How to program TOUCHLOCK
http://paxton.info/4	How zoning works
http://paxton.info/44	Wiring a door open alarm
http://paxton.info/45	Installation instructions
http://paxton.info/46	3D visual

Sales code	Description	Retail price
405-321	Switch2 control unit	£80.00
242-166	Switch2 control unit and 1A PSU in black plastic housing	£95.00



PROXIMITY P series readers

Use with Switch2 or Net2

Easy mounting

Read range up to 100mm with cards and ISO cards

Supplied with a choice of black or white fascias

Low profile - less than 16mm deep

4 sizes

IP67 rated - suitable for external use

About

P series readers are for use with Switch2 and Net2 systems. The readers are supplied with a choice of black or white fascias. Replacement fascias are available to Paxton registered installers free of charge. P series readers are available in four sizes.

Installation

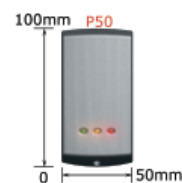
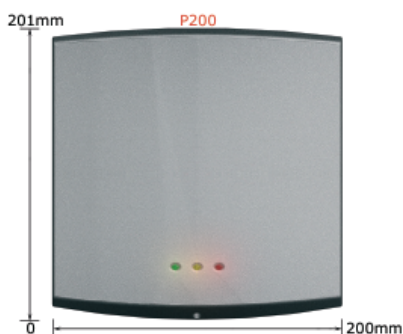
The reader is wired as shown on the control unit label. The cable exits centrally from the back of the reader making drilling and mounting very accurate.

Operation

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. Access is then granted or denied as appropriate. If access is granted the green LED flashes. If access is denied the red LED flashes.

Web links

http://paxton.info/30	Specifications
http://paxton.info/31	Installation instructions
http://paxton.info/6	Fascia colours
http://paxton.info/32	3D visual
http://paxton.info/116	Scale drawing
http://paxton.info/490	Switch2 quickstart guide
http://paxton.info/212	Net2 quickstart guide
http://paxton.info/516	P75 UK backbox adapter



Sales code	Description	Retail price
333-110	PROXIMITY P38 reader	£99.00
353-110	PROXIMITY P50 reader	£99.00
373-110	PROXIMITY P75 reader	£99.00
323-110	PROXIMITY P200 reader	£99.00
324-110	PROXIMITY P200 reader - Metal mount	£99.00



PROXIMITY vandal proof reader

For use with Switch2 or Net2

A great solution for vulnerable areas

The reader is buried in a wall or door frame

Supplied with a range of coloured caps

Innovative design

IP67 rated - suitable for external use

About

The vandal proof reader is for use with Switch2 and Net2 systems. The barrel-like construction of the reader means that it can be buried in a wall. This means that it is ideal for use in vandal prone areas where malicious damage could be a problem. Black and white caps are supplied with the reader. The end cap is used as a marker, so users know where to present their tokens. Other colours are available.

Installation

The reader is wired as shown on the control unit label. The reader itself is inserted into a 20mm diameter hole in the wall or door frame. The cap is then mounted as a visual marker for users. The reader should not be mounted into metal. The illustration below shows the different fitting options.

Web links

<http://paxton.info/97>

Specifications

<http://paxton.info/76>

Installation instructions

<http://paxton.info/77>

3D visual

Operation

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. Access is then granted or denied as appropriate.



Sales code	Description	Retail price
568-855	PROXIMITY vandal proof reader	£135.00



PROXIMITY panel mount reader

- Use with Switch2 or Net2
- Designed for use in audio/video entry panels
- Fits neatly behind a 40mm square aperture
- 40mm square is the industry standard size
- Clear polycarbonate cover gives a neat finish
- IP67 rated - suitable for external use

About

The panel mount reader is for use with Switch2 and Net2 systems. It is designed to fit into door entry panels. It can also be fitted into posts to control car park barriers. It fits behind a reader cut out of industry standard size.

Installation

The reader is wired as shown on the control unit label. It is designed to fit over 4 posts fixed around a 40mm square aperture.

Web links	
http://paxton.info/98	Specifications
http://paxton.info/81	Installation Instructions
http://paxton.info/78	3D Visual

Operation

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. Access is then granted or denied as appropriate.



Sales code	Description	Retail price
390-135	PROXIMITY panel mount reader	£135.00



PROXIMITY metal reader

Use with Switch2 or Net2

Metal construction

Suitable for mounting on metal

Supplied with security screws and key

IP67 rated - suitable for external use

About

The PROXIMITY metal reader is for use with Switch2 and Net2 systems. It is contained in a cast metal housing with a satin chrome finish. The result is a smart, rugged reader. As the reader is already housed in metal, its operation is affected less by fitting within close proximity to other metal objects. This makes it suitable for installation onto metal door frames, car park reader posts etc.

Installation

The reader is wired as shown on the control unit label. A backplate is provided which facilitates accurate mounting. Security screws are provided to mount the reader to the backplate.

Web links

http://paxton.info/99	Specifications
http://paxton.info/82	Installation instructions
http://paxton.info/79	3D visual

Operation

A token is read by holding it within close proximity to the reader. Once a token has been read the control unit looks up the access permissions of that user. Access is then granted or denied as appropriate. If access is granted the green LED flashes, if access is denied the red LED flashes.

Sales code	Description	Retail price
390-747	PROXIMITY metal reader	£150.00



PROXIMITY backbox readers

Use with Switch2 or Net2

Fits onto standard UK electrical backboxes

Connections for pre-installed cable on the back of the reader

A neat solution for interior use on a new build or refitted building

Available in black or white finish

About

PROXIMITY backbox readers are for use with Switch2 and Net2 systems. The reader fits to standard UK electrical backboxes providing a neat installation option for new buildings and refurbishments. The backbox reader is designed for internal use only.

Installation

The backbox reader is supplied with rising clamp terminals at the back. Reader cable connects the reader to the control unit. Both the reader and control unit are clearly labelled. The reader is mounted to a standard backbox using the fixing screws provided.

Web links

http://paxton.info/100	Specifications
http://paxton.info/83	Installation instructions
http://paxton.info/80	3D visual

Operation

A token is read by holding it within close proximity to the reader. Once a token has been read the control unit looks up the access permissions of that user. Access is then granted or denied as appropriate. If access is granted the green LED flashes. If access is denied the red LED flashes.

Sales code	Description	Retail price
370-225BL	PROXIMITY backbox reader black	£135.00
370-225WT	PROXIMITY backbox reader white	£135.00



PROXIMITY KP series keypads

Use with Switch2 or Net2

Keypad and proximity reader all in one

Read range up to 100mm with cards and ISO cards

Easy mounting

Supplied with a choice of black or white bezels

Low profile - less than 16mm deep

2 sizes

IP67 rated - suitable for external use

About

KP readers are a keypad and a proximity reader all in one. This allows card plus PIN (or code) access control with a single reader. KP readers are for use with Switch2 and Net2 systems. The readers are supplied with a choice of black or white bezels. Additional colours are available as shown in the illustration below. Replacement bezels are available to Paxton registered installers free of charge. KP readers are available in two sizes.

Installation

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.

Operation

A token is read by holding it within close proximity of the reader. Once a token has been read an appropriate code or PIN must be entered using the keypad. 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.

Web links

http://paxton.info/39	Specifications
http://paxton.info/40	Installation instructions
http://paxton.info/41	3D visual
http://paxton.info/17	Bezel colours
http://paxton.info/154	Scale drawing
http://paxton.info/490	Switch2 quickstart guide
http://paxton.info/212	Net2 quickstart guide
http://paxton.info/515	How to program a Switch2
http://paxton.info/516	KP75 UK backbox adapter



Sales code	Description	Retail price
355-110	PROXIMITY KP50 keypad	£120.00
375-110	PROXIMITY KP75 keypad	£120.00



CARDLOCK reader

Use with Switch2 or Net2

Metal housing

Satin chrome finish

IPX7 rated - suitable for external use

About

CARDLOCK readers are for use with Switch2 and Net2 systems. The reader has a metal construction with a satin chrome finish.

Installation

The reader is wired as shown on the control unit label. A backplate is provided which facilitates accurate mounting.

Web links

http://paxton.info/84	Specifications
http://paxton.info/85	Installation instructions
http://paxton.info/86	3D Visual

Operation

A card is swiped through the reader. Once a card has been read the control unit looks up the access permissions of that user. Access is then granted or denied as appropriate.

Sales code	Description	Retail price
409-711SC	CARDLOCK reader satin chrome	£110.00



CARDLOCK plastic reader

Use with Switch2 or Net2

Smart plastic construction

A cost effective alternative

IPX7 rated - suitable for external use

About

CARDLOCK readers are for use with Switch2 and Net2 systems. The reader has a plastic construction and is suitable for external use. The reader is finished in black.

Installation

The reader is wired as shown on the control unit label. A backplate is provided which facilitates accurate mounting.

Operation

A card is swiped through the reader. Once a card has been read the control unit looks up the access permissions of that user. Access is then granted or denied as appropriate.

Web links

<http://paxton.info/101>

Specifications

<http://paxton.info/85>

Installation instructions

<http://paxton.info/94>

3D visual

Sales code	Description	Retail price
266-898	CARDLOCK reader black plastic external	£60.00



TOUCHLOCK K series keypads

Use with Switch2 or Net2

Supplied with a choice of black or white bezels

3 sizes

Low profile - less than 16mm deep

Easy mounting

IP67 rated - suitable for external use

About

K series keypads are for use with Switch2 and Net2 systems. The keypads are supplied with a choice of black or white bezels. Additional colours are available as shown in the illustration below. Replacement bezels are available to Paxton registered installers free of charge. K series keypads are available in three sizes.

Installation

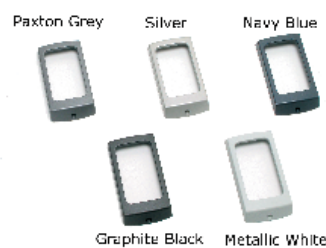
The keypad is wired as shown on the control unit label. The cable exits centrally from the back of the keypad making drilling and mounting very accurate.

About

A code is entered using the keypad. The control unit checks the validity of the code and grants or denies access as appropriate.

Web links

http://paxton.info/33	Specifications
http://paxton.info/34	Installation instructions
http://paxton.info/17	Bezel colours
http://paxton.info/35	3D visual
http://paxton.info/153	Scale drawing
http://paxton.info/490	Switch2 quickstart guide
http://paxton.info/212	Net2 quickstart guide
http://paxton.info/516	K75 UK backbox adapter



Sales code	Description	Retail price
331-110	TOUCHLOCK K38 keypad	£60.00
351-110	TOUCHLOCK K50 keypad	£60.00
371-110	TOUCHLOCK K75 keypad	£60.00



TOUCHLOCK K series stainless steel keypads

- Use with Switch2 or Net2
- Robust stainless steel construction
- 3 sizes
- Low profile - less than 16mm deep
- Easy mounting
- IP67 rated - suitable for external use

About

K series stainless steel keypads are for use with Switch2 and Net2 systems. The keypad has a robust metal construction. K series stainless steel are available in three sizes.

Installation

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

Operation

A code is entered using the keypad. The control unit checks the validity of the code and grants or denies access as appropriate.

Web links	
http://paxton.info/36	Specifications
http://paxton.info/37	Installation instructions
http://paxton.info/38	3D visual
http://paxton.info/152	Scale drawing
http://paxton.info/490	Switch2 quickstart guide
http://paxton.info/212	Net2 quickstart guide
http://paxton.info/516	K75 UK backbox adapter



Sales code	Description	Retail price
332-110	TOUCHLOCK K38 stainless steel keypad	£80.00
352-110	TOUCHLOCK K50 stainless steel keypad	£80.00
372-110	TOUCHLOCK K75 stainless steel keypad	£80.00



PROXIMITY card packs

For use with Compact and Switch2 systems

A lost card can be voided with a shadow card

One shadow card is provided per user

Additional packs can be added easily

Simple function cards are included

Choice of pack sizes

Choice of pack colour for using coloured zones

All users are valid after enrolment

About

PROXIMITY card packs are for use with PROXIMITY compact and Switch2 systems. The cards are supplied in wallets. An intuitive 'shadow card' system is used for ease of management.

Installation

When installing the system the first card pack is added by presenting the Enrolment card from that pack. Subsequent packs are added by presenting the original Enrolment card followed by the Enrolment card from the new pack. Further configuration is done using the other cards in the pack.

Web links

<http://paxton.info/3>

How to program the system

<http://paxton.info/74>

How to use PROXIMITY card packs

<http://paxton.info/61>

3D visual

Door open time card: Sets the amount of time the lock is energised for.

Fail open release card: Only for use with PROXIMITY compact. Presenting this card reverses the operation of the lock output to make it suitable for operating a fail open release. Presenting this card again reverts operation to normal.

Silent operation card: Disables the sounder in the reader. The sounder is enabled by presenting the card again.

Operation

User cards are supplied in wallets. Each card is packaged with a corresponding shadow card. Once installation of the system is complete all user cards are valid and ready to be issued. To issue a user card, remove it from the wallet and write the name of the user on its corresponding shadow card. The user may now use their card to gain access. This process is repeated for all users. If a card needs to be invalidated, the corresponding shadow card is removed from the wallet and presented to any relevant readers on the site. This invalidates the card.

Sales code	Description	Retail price
830-010A	PROXIMITY 10 card pack amber	£60.00
830-010G	PROXIMITY 10 card pack green	£60.00
830-010R	PROXIMITY 10 card pack red	£60.00
830-025A	PROXIMITY 25 card pack amber	£110.00
830-025G	PROXIMITY 25 card pack green	£110.00
830-025R	PROXIMITY 25 card pack red	£110.00
830-050A	PROXIMITY 50 card pack amber	£190.00
830-050G	PROXIMITY 50 card pack green	£190.00
830-050R	PROXIMITY 50 card pack red	£190.00
830-100A	PROXIMITY 100 card pack amber	£350.00
830-100G	PROXIMITY 100 card pack green	£350.00
830-100R	PROXIMITY 100 card pack red	£350.00



PROXIMITY keyfob packs

For use with Compact and Switch2 systems

Keyfobs have a lifetime guarantee

A lost keyfob can be voided with a shadow card

Packs can be added easily

Simple function cards are included

All users are valid after enrolment

Choice of pack colour for using coloured zones

Choice of pack sizes

About

PROXIMITY keyfob packs are for use with PROXIMITY compact and Switch2 systems. An intuitive 'shadow card' system is used for ease of management. The keyfobs are supplied with a wallet for storing the shadow cards.

Installation

When installing the system the first keyfob pack is added by presenting the Enrolment card from that pack. Subsequent packs are added by presenting the original Enrolment card followed by the Enrolment card from the new pack. Further configuration is done using the other cards in the pack.

Web links

http://paxton.info/3	How to program the system
http://paxton.info/74	How to use PROXIMITY Keyfob packs
http://paxton.info/62	3D visual

Door open time card: Sets the amount of time the lock is energised for.

Fail open release card: Only for use with PROXIMITY compact. Presenting this card reverses the operation of the lock output to make it suitable for operating a fail open release. Presenting this card again reverts operation to normal.

Silent operation card: Disables the sounder in the reader. Sounder is enabled by presenting the card again.

Operation

Each keyfob is packaged with a corresponding shadow card. Once installation of the system is complete all user cards are valid and ready to be issued. To issue a keyfob, remove it from the wallet and write the name of the user on its corresponding shadow card. The user may now use their keyfob to gain access. This process is repeated for all users. If a keyfob needs to be invalidated, the corresponding shadow card is removed from the wallet and presented to any relevant readers on the site. This invalidates the keyfob.

Sales code	Description	Retail price
820-010A	PROXIMITY 10 keyfob pack amber	£60.00
820-010G	PROXIMITY 10 keyfob pack green	£60.00
820-010R	PROXIMITY 10 keyfob pack red	£60.00
820-025A	PROXIMITY 25 keyfob pack amber	£110.00
820-025G	PROXIMITY 25 keyfob pack green	£110.00
820-025R	PROXIMITY 25 keyfob pack red	£110.00
820-050A	PROXIMITY 50 keyfob pack amber	£190.00
820-050G	PROXIMITY 50 keyfob pack green	£190.00
820-050R	PROXIMITY 50 keyfob pack red	£190.00
820-100A	PROXIMITY 100 keyfob pack amber	£350.00
820-100G	PROXIMITY 100 keyfob pack green	£350.00
820-100R	PROXIMITY 100 keyfob pack red	£350.00



PROXIMITY function card pack

For use with Compact and Switch2 systems

Function card pack unlocks advanced functions

Coloured zoning - control access of users by token colour

Bar all users

Card plus PIN

Toggling output

About

For use with PROXIMITY compact and Switch2 systems. The Function card pack unlocks the more advanced features of these systems.

Installation

The PROXIMITY Function card pack needs to be enrolled. This is done by presenting the Enrolment card from the original card pack followed by the Enrolment card in the Function card pack.

Web links

http://paxton.info/75	How to use Function Cards
http://paxton.info/4	How to use zoning
http://paxton.info/64	3D visual

Operation

The various cards in the pack are used to configure the different functions.

Zone cards: There are three zone cards; green, amber and red. The point of zoning is to restrict the access privileges of groups of users dependant on the colour of their token. Presenting any of the three Zone cards to a reader will turn off the LED of that colour. Users with that colour user token will not be granted access. If the same Zone card is presented again the LED will turn back on. This means that users with that colour token will be granted access.

Time zones: This function allows a coloured zone be activated/de-activated by a time clock. **Remote release:** This card returns a system from the time zones mode back to its default state, where the exit button contacts may be used for a press to exit button.

Card plus PIN: This allows PROXIMITY and TOUCHLOCK systems to be connected together to give card plus code access control.

Bar all users: A freshly installed PROXIMITY system will recognise and admit all users from the enrolled token packs. In some cases it may be more appropriate to start with all tokens invalid so they may be validated individually.

Relay toggle card: For use with Switch2 only. This changes the operation of the relay from momentary to toggling (or latching). If a valid token is presented the relay will switch. The relay will remain switched until either the same or any other valid token is presented.

Sales code	Description	Retail price
820-000	PROXIMITY function card pack	£40.00



PROXIMITY encoding system

- Simple PC software to encode user tokens
- Save money on tokens by buying them unencoded
- Shadow cards encoded as required
- Single cable USB encoder
- Re-encode and re-issue returned tokens
- Simplified management for large numbers of users
- Ideal for clubs, leisure centres etc.

About

For sites with a large number of users (40+) the PROXIMITY encoding system may be a good alternative to PROXIMITY card/keyfob packs. By eliminating the need for a shadow card for every user token the price per user is reduced and the overall system cost can go down. The encoding system uses intuitive PC software so the management of large numbers of users is simplified.

Installation

A PC with a USB port, CDROM and Windows 2000 or XP is required. Connect the encoder to the USB port and install the software. When the software is run for the first time you will be prompted to present the Enrolment card plus. Then you are ready to begin adding users!

Web links

http://paxton.info/23	Installation instructions
http://paxton.info/24	How to use for more than one site
http://paxton.info/66	3D visual

Operation

To issue a token, the users' name is entered. The unencoded token is then placed within range of the encoder and the user data is encoded to the token. The token is immediately valid and can be issued to the user. If a user token is lost a shadow can be produced using any spare token. Once encoded the shadow token is presented to any relevant readers on the site. The missing user token is now barred. If a lost token is found it may be identified by presenting it at the encoder.

Installers may wish to offer the service of supplying new tokens. The encoding software allows the installer to encode additional tokens for each of their customer's sites. Each additional site requires an additional Enrolment card plus.

Sales code	Description	Retail price
412-500	PROXIMITY encoding system USB	£70.00
542-990	PROXIMITY enrolment card plus for additional site	£50.00
202-630	Unencoded PROXIMITY ISO card	£4.00
202-782SL	Unencoded PROXIMITY Watchprox, silver	£2.50
202-782GD	Unencoded PROXIMITY Watchprox, gold	£2.50
202-782BL	Unencoded PROXIMITY Watchprox, black	£2.50
202-325G	Unencoded PROXIMITY keyfob green	£2.50
202-668G	Unencoded PROXIMITY card green	£2.50
202-325A	Unencoded PROXIMITY keyfob amber	£2.50
202-325R	Unencoded PROXIMITY keyfob red	£2.50
202-668A	Unencoded PROXIMITY card amber	£2.50
202-668R	Unencoded PROXIMITY card red	£2.50



CARDLOCK cards

For use with CARDLOCK compact and Switch2 systems

A lost card can be voided with a shadow card

One shadow card is provided per user

All users are valid after enrolment

Choice of pack sizes

Use with compact and Switch2

Supplied in convenient card wallets

Choice of card colour for using coloured zones

About

CARDLOCK cards are for use with CARDLOCK compact and Switch2 systems. Only one Starter pack should be purchased per site. Any extra cards can be ordered at the same time as the Starter pack. If additional cards are needed for an existing site then the order card from the Starter pack is required.

Installation

The system is enrolled by swiping the Enrolment card from the Starter pack. Further configuration is done using the other cards in the pack.

Door open time card: Sets the amount of time the lock is energised for.

Fail open release card: Only for use with CARDLOCK compact.

Swiping this card reverses the operation of the lock output to make it suitable for operating a fail open release. Swiping this card again reverts operation to normal.

Silent operation card: Disables the sounder in the reader. The sounder is enabled by Swiping the card again.

Web links

http://paxton.info/11	How to program the system
http://paxton.info/25	How to use CARDLOCK card packs
http://paxton.info/26	Order form for additional cards
http://paxton.info/27	How to deal with a lost order card
http://paxton.info/63	3D visual

Operation

User cards are supplied in wallets. Each card is packaged with a corresponding paper shadow card. Once installation of the system is complete all user cards are valid and ready to be issued. To issue a user card, remove it from the wallet and write the name of the user on its corresponding shadow card. The user may now use their card to gain access. This process is repeated for all users. If a card needs to be invalidated, the corresponding shadow card is removed from the wallet and swiped through any relevant readers on site. This invalidates the card. Magstripe cards are expected to last for 10,000 operations when used in normal conditions.

Order card: This is required when ordering additional cards for a site.

Sales code	Description	Retail price
850-010	CARDLOCK 10 card starter pack	£20.00
850-050	CARDLOCK 50 card starter pack	£80.00
850-100	CARDLOCK 100 card starter pack	£150.00
875-001G	CARDLOCK 1 extra user card green	£1.50
875-001A	CARDLOCK 1 extra user card amber	£1.50
875-001R	CARDLOCK 1 extra user card red	£1.50
875-001B	CARDLOCK 1 extra user card blank	£1.50



CARDLOCK function card pack

For use with Compact and Switch2 systems

Function card pack unlocks advanced features

Coloured zoning - control access of users by token colour

Bar all users

Card plus PIN

Toggling output

About

For use with CARDLOCK compact and Switch2 systems. The Function card pack unlocks the more advanced features of these systems.

Requires order card from starter pack if purchasing separately.

Installation

The CARDLOCK Function card pack must be ordered with the Starter pack or by using the order card from your Starter pack. It is ready to use with your system.

Web links

http://paxton.info/4	How to use Zoning
http://paxton.info/65	3D visual

Operation

The various cards in the pack are to configure the different functions.

Zone cards: There are three zone cards; green, amber and red. The point of zoning is to restrict the access privileges of groups of users dependant on the colour of their card. Swiping any of the three Zone cards to a reader will turn off the LED of that colour. Users with that colour user card will not be granted access. If the same Zone card is swiped again the LED will turn back on. This means that users with that colour card will be granted access.

Time zones: This function allows a coloured zone be activated/deactivated by a time clock. Remote release: This card returns a system from the time zones mode back to its default state, where the exit button contacts may be used for a press to exit button.

Card plus PIN: This allows CARDLOCK and TOUCHLOCK systems to be connected together to give card plus code access control.

Bar all users: A freshly installed CARDLOCK system will recognise and admit all users cards that have been ordered for it. In some cases it may be more appropriate to start with all cards invalid so they may be validated individually.

Relay toggle card: For use with Switch2 only. This changes the operation of the relay from momentary to toggling (or latching). If a valid card is swiped the relay will switch. The relay will remain switched until either the same or any other valid card is swiped.

Sales code	Description	Retail price
877-012	CARDLOCK function card pack	£40.00



Power supplies

A range of 12V dc power supplies

Backup batteries

1 or 2 Amp supplies

Different enclosure options

About

A range of 12V dc power supplies for use with Paxton systems. All are designed to connect to a standard UK mains supply via a switched fused spur connection.

The 998-241 is a 12Vdc power supply in a plastic enclosure. This is a low cost alternative to the boxed backup power supplies.

The 339-424 and the 857-693 are boxed backup power supplies. This means that when installed with the appropriate battery (listed), the power supply will continue to provide 12Vdc for an extended period in the event of a power failure. The exact duration of the backup period will be dependent on the power consumption of the access control system and the capacity of the battery.

The batteries available are a 1.2 Amp hour item for the 1A boxed power supply, and a 7 Amp hour battery for the 2A boxed power supply. They are of the lead acid gel type, and are maintenance free. They have a five year life when used within electrical and temperature specifications.

Installation

Installation for each power supply differs. Instructions are supplied with each unit.

Web links

<http://paxton.info/90>

Installation instructions 857-693

998-241



339-424



339-425



857-693



862-719



Sales code	Description	Retail price
998-241	12V dc 1A power supply in black plastic housing	£14.00
339-424	1A 12V dc boxed backup power supply	£49.50
339-425	12V 1.2AH battery for 1A boxed PSU	£15.00
857-693	2A 12V dc boxed power supply with mains monitoring	£84.00
862-719	12V 7AH battery for 2A boxed PSU	£22.50



Exit buttons

- Robust metal exit button
- Supplied with a choice of black or white bezels
- 3 sizes
- Green LED
- Complements PROXIMITY readers and keypads

About

Exit buttons may be used with Compact, Switch2 or Net2 systems. They are designed to match our range of PROXIMITY readers and keypads. The exit buttons are supplied with a choice of black or white fascias which can be fitted in the final stages of installation. The exit buttons are available in three sizes as shown in the illustration below.

Installation

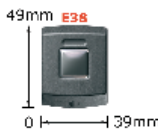
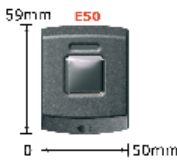
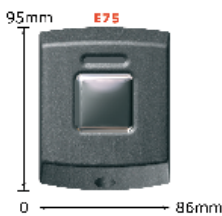
The installation instructions show how the exit button is wired to Compact, Switch2 and Net2 systems. The E75 exit button fits on a standard UK recessed backbox.

The exit button with screw connectors is not pre-wired. It is supplied with rising clamp terminals at the rear.

Web links	
http://paxton.info/28	Installation instructions
http://paxton.info/29	3D visual
http://paxton.info/104	Bezel colours
http://paxton.info/156	Scale drawing

Operation

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).



Sales code	Description	Retail price
336-310	Exit button E38	£25.00
356-310	Exit button E50	£25.00
376-310	Exit button E75	£25.00
376-320	Exit button E75 with screw connector	£25.00



Reader cable

Overall screened 10-core cable

Suitable for internal use

Reader and keypads extend up to 100m

About

Readers and keypads are pre-wired with 5m of cable. If this needs extending then reader cable must be used.

Installation

The maximum cable length from reader to control unit is 100m. When using reader cable over distances in excess of 25m the 12V and 0V cores should be doubled up to minimise voltage drop.

Sales code	Description	Retail price
166-010	Reader cable 10 core CR9540 10m roll	£12.00
166-025	Reader cable 10 core CR9540 25m roll	£27.00
166-100	Reader cable 10 core CR9540 100m roll	£78.00



Electric locks

- 12V d.c. operation
- Rim and mortice fitting
- Fits with standard latches
- Fail open or fail closed options
- Attractive satin chrome finish

About

These are good general purpose devices with mortice plates and rims cases included to suit the two types of installation.

Installation

Remove the cover of the electric release. Connect the two core cables to the terminals inside the release. Replace the cover of the release. Screw the release into the jamb.

If you are using the rim fitting, do not refit the side plate.

Sales code	Description	Retail price
600-750	12V dc fail locked electric release kit	£29.50
592-461	12V dc fail open release kit	£59.00



UK backbox adapter - 75 series

Use with any 75mm Paxton Access reader
Fits onto standard UK electrical backboxes
Supplied in both black and white

About

The adapter allows any 75mm Paxton Access reader to be mounted to a standard UK electrical backbox.

Compatible Readers

- PROXIMITY P75 reader
- PROXIMITY KP75 keypad
- TOUCHLOCK K75 keypad
- TOUCHLOCK K75 stainless steel keypad

The adaptor also fits 75mm readers from the Paxton Access 'Compact' range.

Installation

The adapter is mounted to a standard backbox using the fixing screws provided. The 75mm reader is then mounted onto the adapter using the fitting kit provided with the reader.

Sales code	Description	Retail price
310-750	75 series UK back box adaptor kit	£5.00



Standalone demonstration equipment

TOUCHLOCK and PROXIMITY versions

Low cost desktop units

Smart case with rechargeable battery

Can be ordered directly from Paxton Access

About

These products allow an installer to demonstrate system functionality to customers. Seeing and using the system increases the chance of the customer placing an order. As the units are used to sell Paxton systems they are sold at greatly reduced prices. In contrast to the rest of the product range, demonstration equipment can be ordered directly from Paxton Access.

3 units are available; a PROXIMITY compact desktop unit, a PROXIMITY compact case and a TOUCHLOCK compact desktop unit.

Installation

The units are provided ready to use. System, tokens and power supply are all provided.

To order demonstration equipment call: Paxton Access on: +44 (0) 845 838 1716



Sales code	Description	Retail price
519-687	TOUCHLOCK demonstration unit	£60.00
519-686	PROXIMITY demonstration unit	£60.00
541-822	PROXIMITY demonstration case	£80.00





This example illustrates 4 doors in an office secured by Net2



1

Net2 software

The access control system is administered from the PC using the Net2 software. Users can be added, reports created and much more.

2

Communications converter

This device connects directly to the serial port of the Net2 PC. It connects the control units with the PC.

3

Door components

Control unit - 1 required for every door. Able to permit or deny access to users without communication to the PC.

Reader - 1 or 2 readers can be fitted to each door. A wide range of readers are compatible with Net2 including proximity, magstripe, keypads and biometric.

Exit button - Any 'push to make' button can be used

Electric lock -The Net2 control unit has voltage free relay contacts. This means that Net2 is capable of operating any type of electric lock.



Net2 version 4 software
See Page 64 for details.



Net2 Comms converter
See Page 78 for details.



Net2 ACU and PSU
See Page 62 for details.



PROXIMITY P series readers
See Page 65 for details.



E series exit buttons
See Page 84 for details.

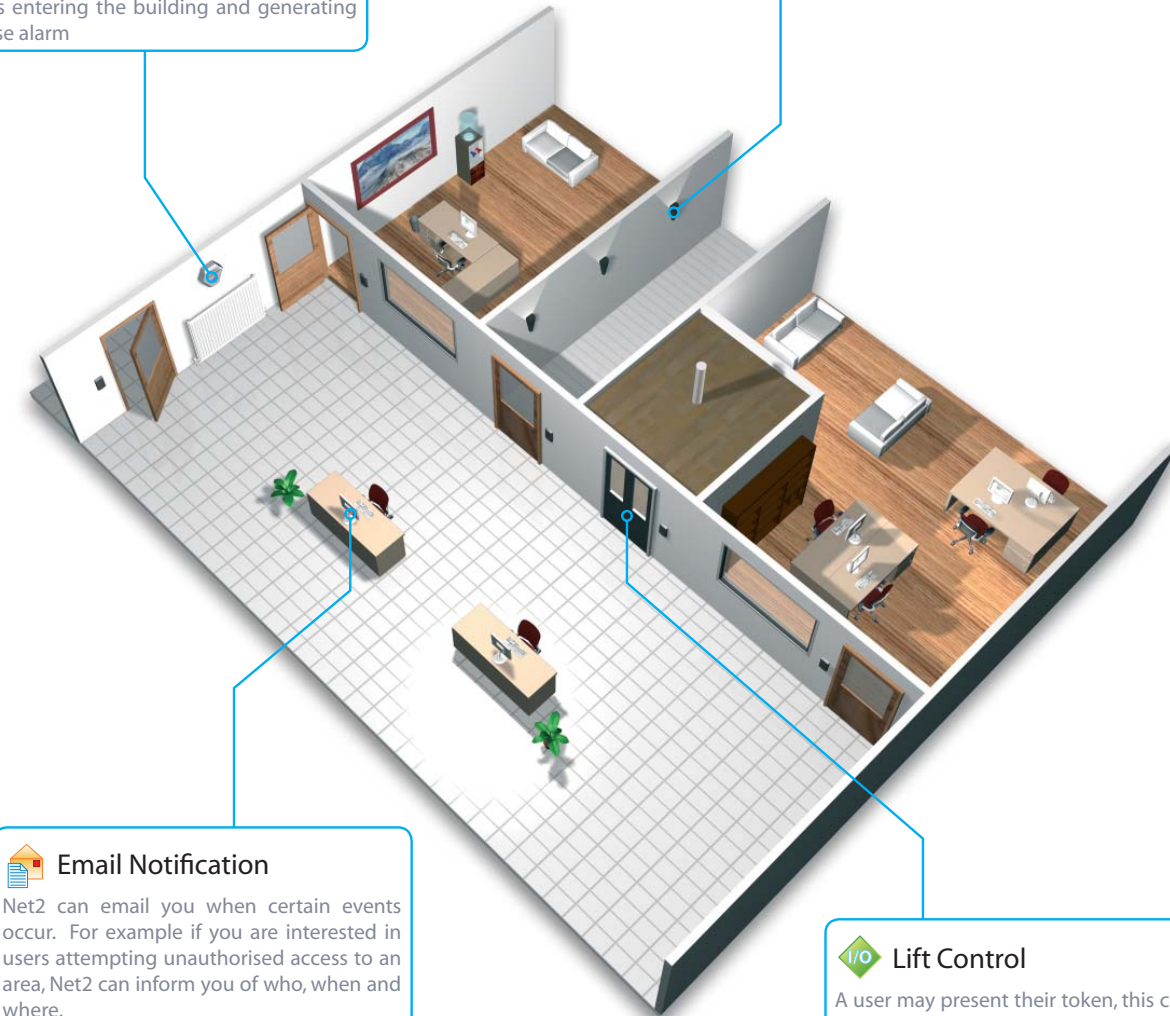


Intruder alarm

Integrate Net2 with your existing intruder alarm system. If the alarm is set then Net2 will check the user is authorised and unset the alarm. The door will then unlock. This eliminates the problem of unauthorised users entering the building and generating a false alarm

Lights

When the last person leaves the office any lights that have been left on can be configured to automatically switch off. Convenient and energy efficient!



Email Notification

Net2 can email you when certain events occur. For example if you are interested in users attempting unauthorised access to an area, Net2 can inform you of who, when and where.

Lift Control

A user may present their token, this calls the lift and takes them to the relevant floor.



Use Net2 to automate your office

As well as controlling access throughout your building, Net2 has a host of other features that enable integration with other building facilities. These include intruder alarm, fire alarm, heating, lighting, CCTV and lifts.

Net2 version 4 software
See Page 64 for details.

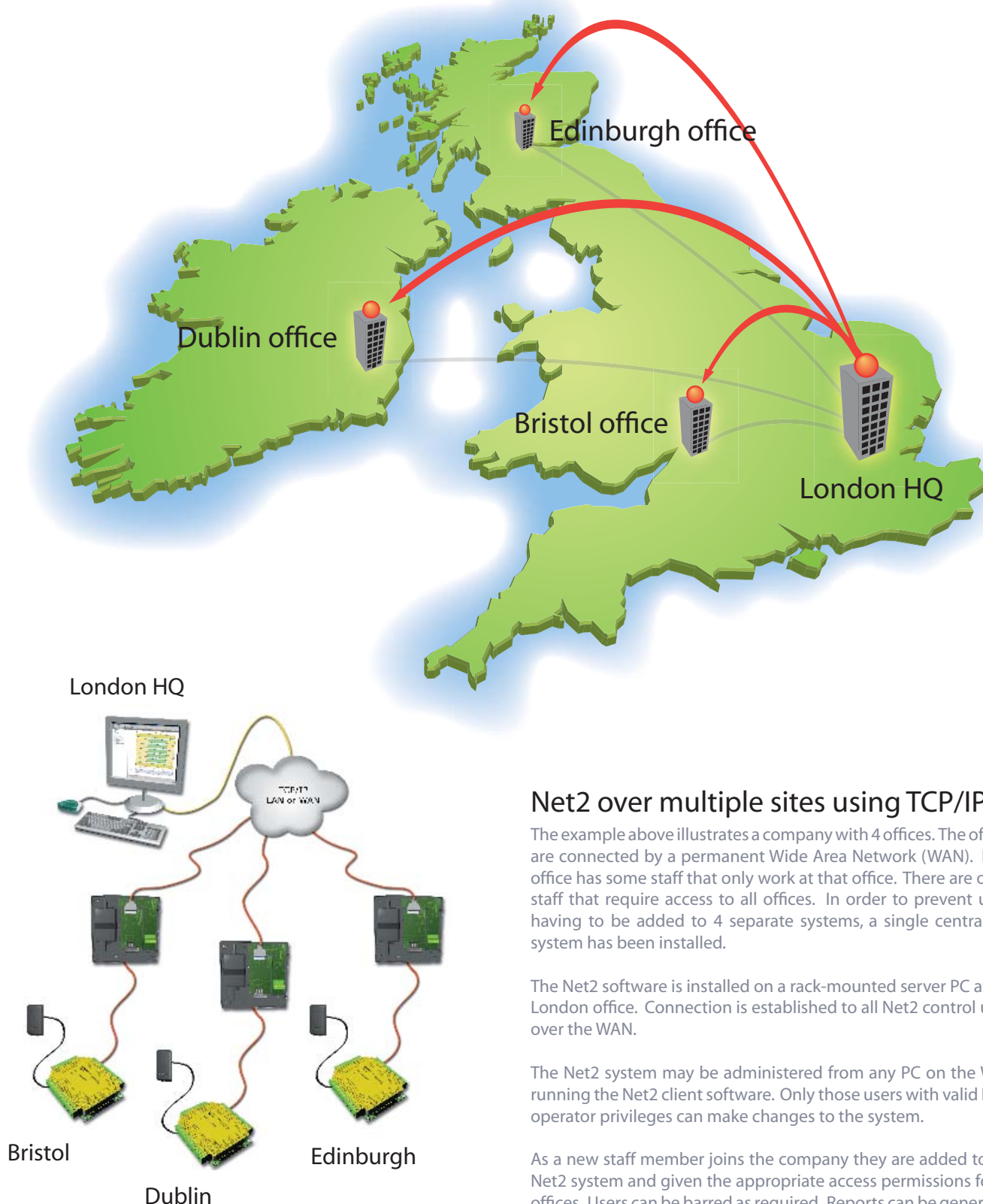


More Triggers & Actions Examples

- Receive SMS notifications with event details
- Trigger a CCTV camera to swivel when a door is forced

Net2 I/O board
See Page 63 for details.





Net2 over multiple sites using TCP/IP

The example above illustrates a company with 4 offices. The offices are connected by a permanent Wide Area Network (WAN). Each office has some staff that only work at that office. There are other staff that require access to all offices. In order to prevent users having to be added to 4 separate systems, a single centralised system has been installed.

The Net2 software is installed on a rack-mounted server PC at the London office. Connection is established to all Net2 control units over the WAN.

The Net2 system may be administered from any PC on the WAN running the Net2 client software. Only those users with valid Net2 operator privileges can make changes to the system.

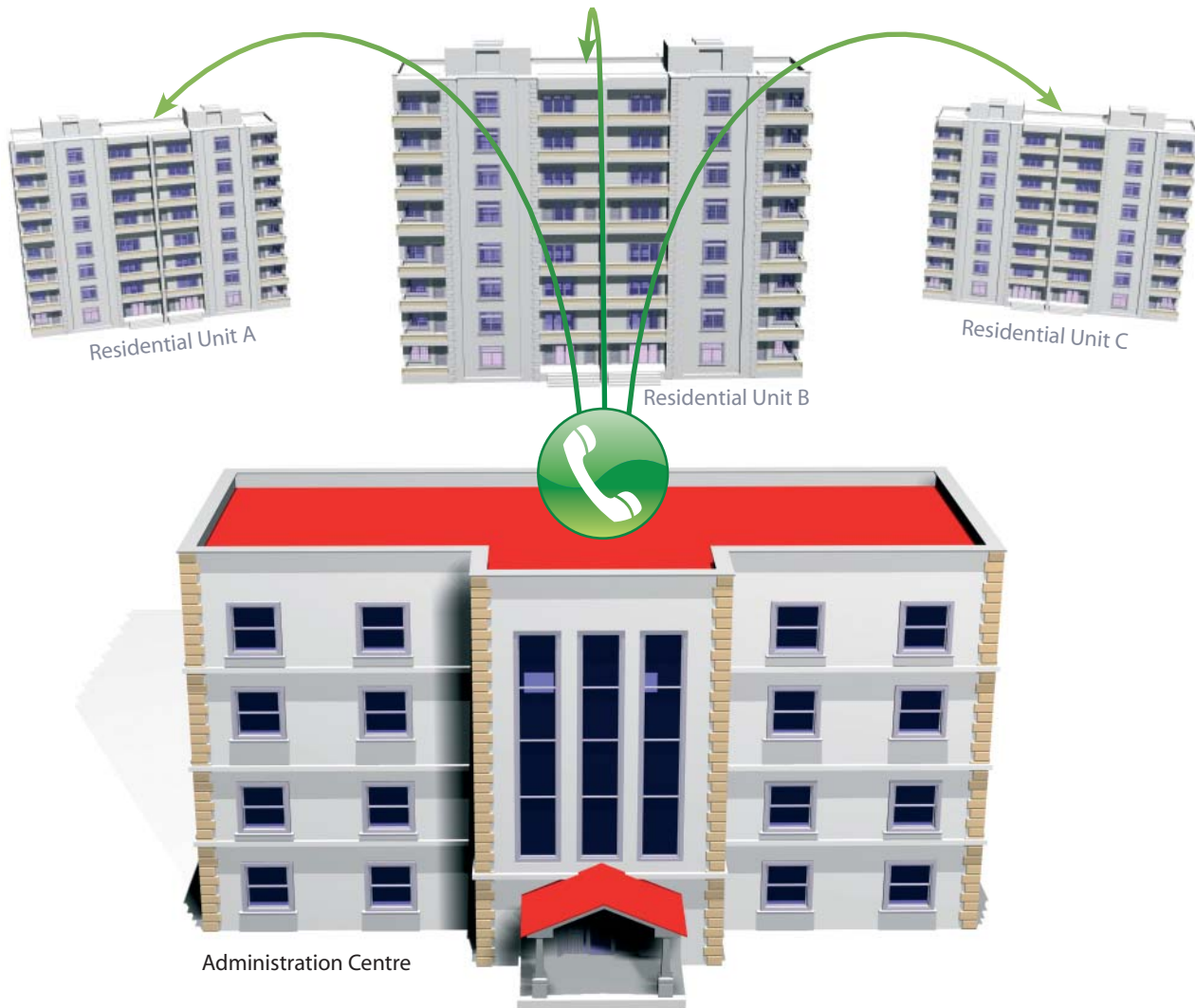
As a new staff member joins the company they are added to the Net2 system and given the appropriate access permissions for all offices. Users can be barred as required. Reports can be generated for each site individually or together as necessary.

Net2 standard software
See page 64 for details.



Net2 TCP/IP ethernet interface
See page 80 for details.





Net2 over multiple sites using phone lines

The example above illustrates access control used on multi-tenanted residential buildings. Each residential block has the common doors secured using Net2. The residents are issued tokens to gain access. The system is administered from the Administration Centre.

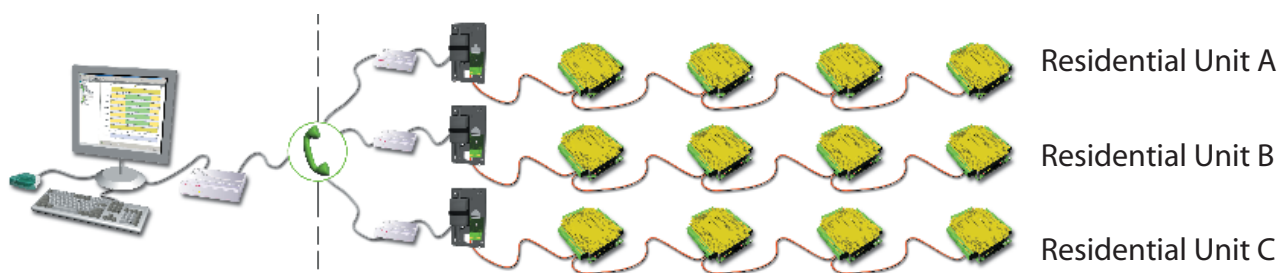
The connection between the Administration Centre and the residential blocks is established using telephone lines. The Net2 PC dials up the remote Net2 control units when required to add/delete users or download events. Dialling up can be scheduled by the software to ensure a periodic updating of events and user records.

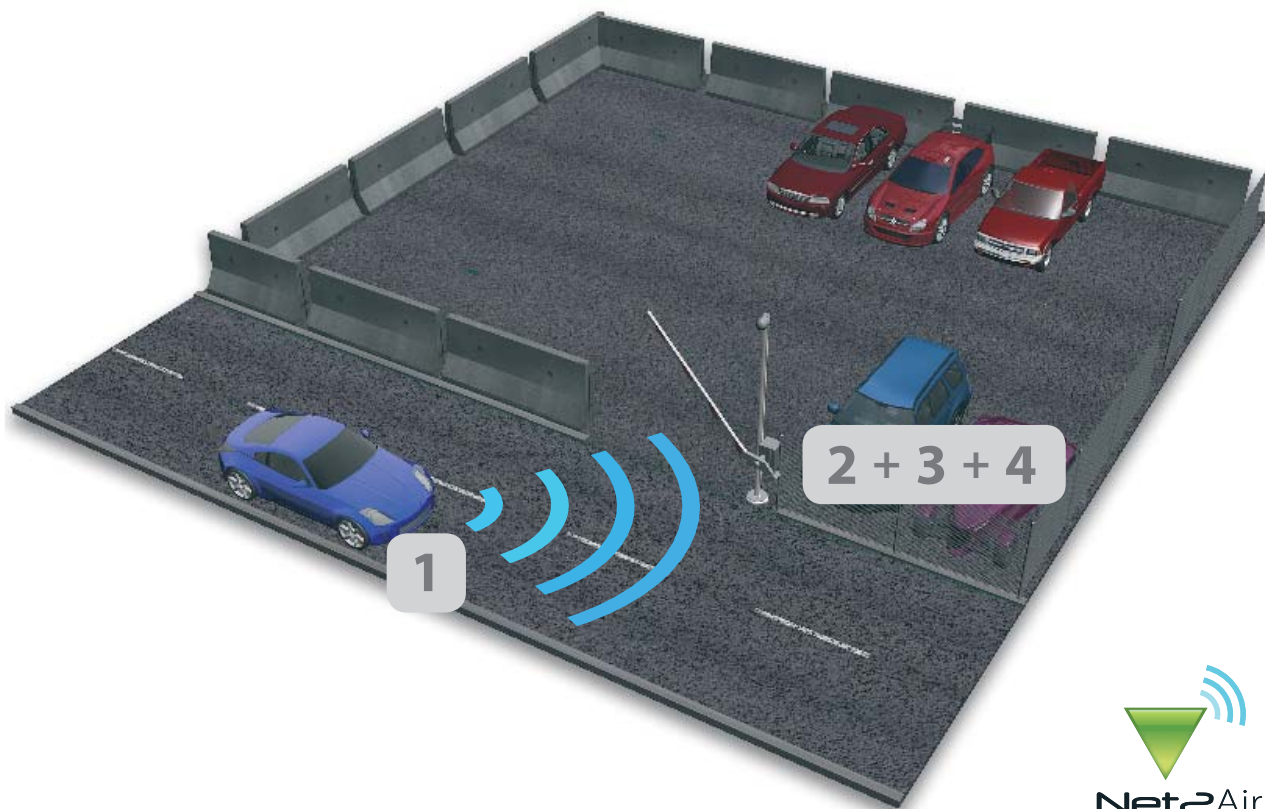
No PC is needed at the remote sites. The Net2 control units will continue to permit and deny access to users even when not connected to the Administration centre PC. Events are stored in the control unit buffer ready for uploading when connection to the central PC is next established. The modems are configured to auto-answer so no manual intervention is required.

Net2 modem
See Page 82 for details.



Net2 modem adaptor
See Page 82 for details.





The illustration shows how Net2 is used to control access through a car park barrier. Net2Air hands free technology makes gaining access to the car park convenient for authorised users.



1

Token

Those users that require hands free access are issued a Net2Air hands free token.

Net2AIR keyfob
See Page 76 for details.



2

Reader

In this instance a 3m read range is required and the reader is mounted to a metal post. The most suitable reader is the PROXIMITY P200 metal mount.

PROXIMITY P200 reader
See Page 65 for details.



3

Net2Air hands free interface

This device converts standard P series readers to hands free. It is wired in between the reader and the Net2 control unit. Located near to the reader.

Net2AIR interface
See Page 81 for details.



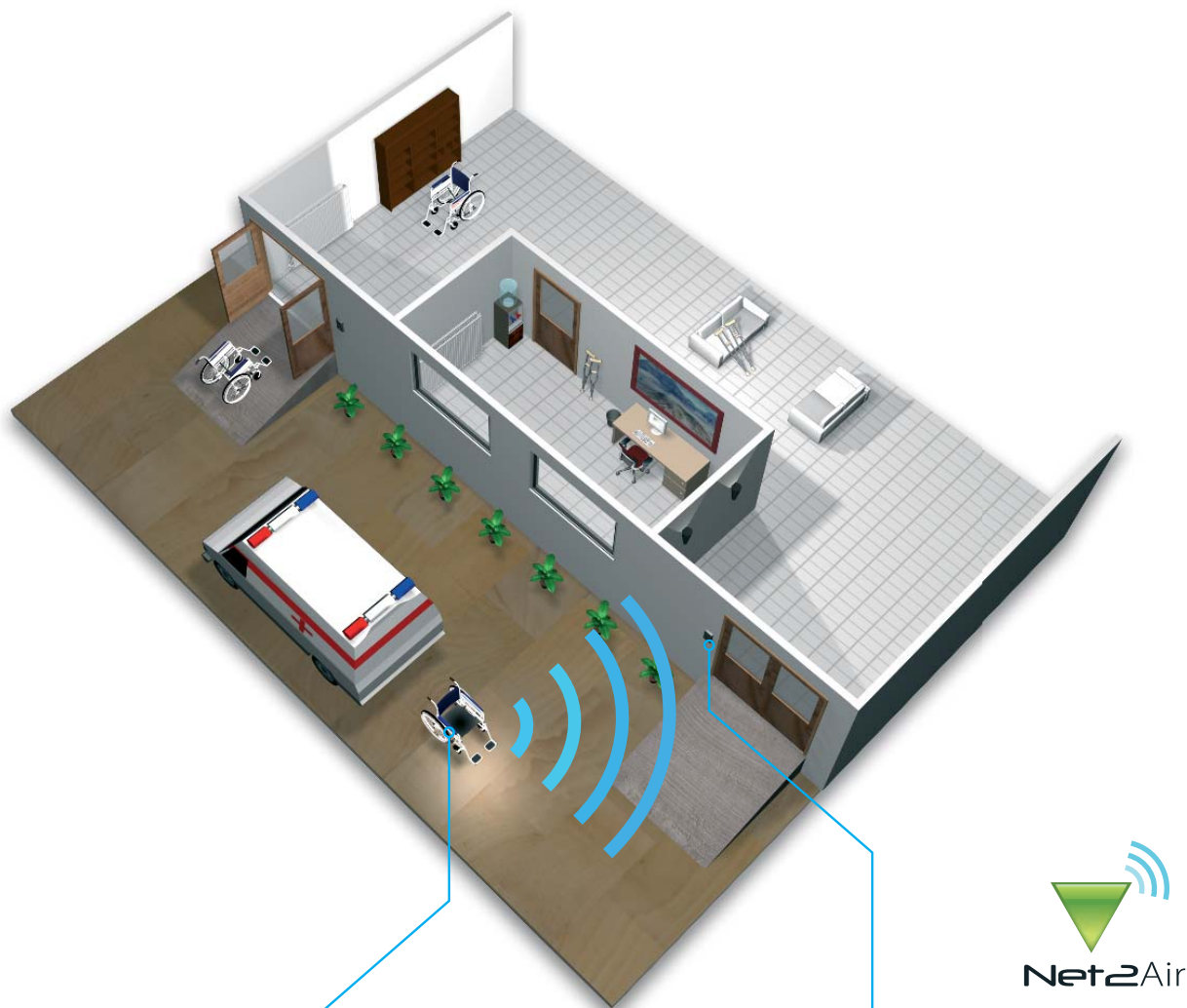
4

Control unit

1 control unit is required to operate the barrier. The control unit can be located at the barrier or in the building.

Net2 ACU and PSU
See Page 62 for details.





Net2Air hands free token

Disabled users are issued with Net2Air hands free tokens to enable hands free access. Other users are issued with standard Net2 tokens.

Net2AIR keyfob
See Page 76 for details.



Reader

In this example a 1.5m read range is required. The most suitable reader is a PROXIMITY P50 reader.

PROXIMITY P50 reader
See Page 65 for details.



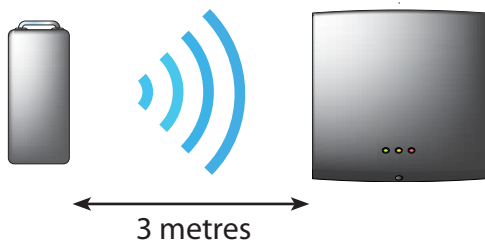
Net2Air hands free interface

This device converts standard P series readers to hands free. It is wired in between the reader and the Net2 control unit. Located near to the reader.

Net2AIR interface
See Page 81 for details.



The Disability Discrimination Act (DDA) requires adequate provision for the access of disabled users into a building. Hands free makes disabled access convenient as tokens can be read from up to 3m away. Net2 hands free is a particularly good solution as all other users can carry the standard Net2 tokens that do not require batteries.



Net2 range - control units



Net2 1 door access control unit

489-334 £220.00



Net2 1 door ACU in plastic housing

385-527 £235.00



Net2 1 door ACU with 2A PSU in steel cabinet

411-381 £305.00



Net2 standard software

930-001 £0.00



Net2 professional software

930-010 £350.00



Net2 demonstration software on CD

941-136 £0.00

Net2 range - readers



PROXIMITY KP50 keypad

355-110 £120.00



PROXIMITY KP75 keypad

375-110 £120.00



PROXIMITY backbox reader black

370-225BL £135.00



PROXIMITY backbox reader white

370-225WT £135.00



CARDLOCK reader satin chrome

409-711SC £110.00



CARDLOCK reader black plastic external

266-898 £60.00

Net2 range - tokens



Net2 proximity cards, pack of 10

693-112 £30.00



Net2 proximity keyfobs, box of 10

695-644 £30.00



Net2 Watchprox, black, pack of 10

698-574BL £25.00



Net2 proximity ISO cards, pack of 10

692-448 £45.00



Net2 magstripe cards, pack of 10

695-573 £15.00



Net2Air hands free keyfob

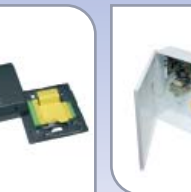
690-222 £25.00

Net2 range - accessories



Net2 I/O board

489-710 £220.00



Net2 I/O board in plastic housing

385-710 £235.00



Net2 I/O board with 2A PSU in steel cabinet

411-710 £305.00



12V dc 1A power supply in black plastic housing

998-241 £14.00



12V 1.2AH battery for 1A boxed PSU

339-425 £15.00



12V 7AH battery for 2A boxed PSU

862-719 £22.50



1A 12V dc boxed backup power supply

339-424 £49.50



2A 12V dc boxed power supply with mains monitoring

857-693 £84.00

Net2 range - readers



PROXIMITY P38 reader
333-110 £99.00



PROXIMITY P50 reader
353-110 £99.00



PROXIMITY P75 reader
373-110 £99.00



PROXIMITY P200 reader
324-110 £99.00
323-110 £99.00



PROXIMITY vandal proof reader
568-855 £135.00



PROXIMITY panel mount reader
390-135 £135.00



PROXIMITY metal reader
390-747 £150.00

Net2 range - readers



TOUCHLOCK K38 keypad
331-110 £60.00



TOUCHLOCK K50 keypad
351-110 £60.00



TOUCHLOCK K75 keypad
371-110 £60.00



TOUCHLOCK K38 stainless steel keypad
332-110 £80.00



TOUCHLOCK K50 stainless steel keypad
352-110 £80.00



TOUCHLOCK K75 stainless steel keypad
372-110 £80.00

Net2 range - other components



Net2 Desktop Reader USB
514-326 £70.00



Net2 desktop reader, proximity and magstripe
376-001 £160.00



Net2 RS485/232 kit - comms converter in plastic housing
455-477 £95.00



Net2 RS485 repeater and PSU in plastic housing
477-844 £194.00



Net2 RS485 high speed repeater
477-836 £180.00



Net2 485 TCP/IP ethernet interface
655-861 £260.00



Net2 Modem
477-900 £200.00



Net2 Modem adaptor
477-971 £95.00



Reader cable 10 core CR9540 100m roll
166-100 £78.00



CAT5 data cable external 305m boxed reel
125-305 £340.00



Net2Air interface housing
477-222 £100.00



Exit button E38
336-310 £25.00



Exit button E50
356-310 £25.00



Exit button E75
376-310 £25.00



Exit button E75 with screw connector
376-320 £25.00



Net2 control units

Single door networkable access control unit

Use Paxton or 3rd party readers

FLASH memory allows easy upgrades

Good quality rising clamp connectors

Diagnostic LEDs

Distributed intelligence

Event buffering

Resilient board design

About

Net2 is a networked access control system. A networked system gives the advantages of central control, event reporting and flexible control over users' access. Each control unit is part of a network but can run independently making its own decisions and remembering events.

The control unit has FLASH memory which means that firmware can be upgraded from the PC. This is the key to making the system future proof.

Control units are sold as a PCB board only, within a plastic housing or mounted within a 2A boxed backup power supply.

Installation

There is a label on the Net2 control unit that clearly shows connections for reader, lock, power supply etc. The unit has a voltage free relay output and so can switch any lock or electrical device. Exit buttons, door contacts, tamper switches and alarm devices may be connected.

Control units connect together in a 'daisy chain' dataline to form a network (see illustration below). At any point along the dataline the server PC connects to the network via a communications converter.

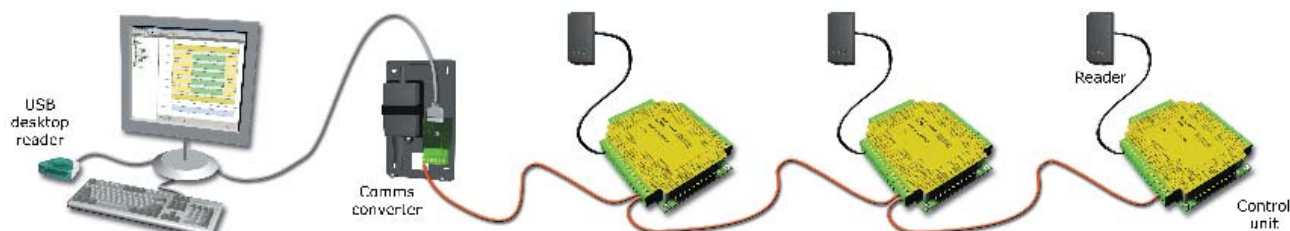
There are diagnostic LEDs to assist with trouble free installation.

Web links

http://paxton.info/47	Specifications
http://paxton.info/48	How to install
http://paxton.info/49	Installation instructions
http://paxton.info/59	Fire alarm, opening doors automatically
http://paxton.info/67	3D visual
http://paxton.info/91	Alarm integration
http://paxton.info/212	Quickstart guide

Operation

Any changes made at the PC are immediately communicated and stored at the control unit. When a user presents their token to the reader the control unit identifies them and permits or denies access as appropriate.



Sales code	Description	Retail price
489-334	Net2 1 door access control unit	£220.00
385-527	Net2 1 door ACU in plastic housing	£235.00
411-381	Net2 1 door ACU with 2A PSU in steel cabinet	£305.00



Net2 I/O boards

Flexible inputs and outputs

Integrate with lifts, heating, lighting and more

Connects directly to LAN/WAN

4 mains rated relay outputs per board

4 inputs per board

For use with Net2 triggers and actions feature

About

The Net2 I/O board consists of 4 inputs and 4 outputs. It connects directly to a LAN/WAN via an onboard RJ45 connector. I/O boards can be distributed around a building as required. Inputs and outputs can be controlled using the Net2 software 'triggers and actions' feature.

Installation

The I/O board can be supplied as PCB only, in a plastic housing, or mounted in a 12V 2A power supply. The unit is provided with a label clearly showing the connections. The I/O board is fitted with the same 'rising clamp' connectors as the Net2 control unit.

Web links

<http://paxton.info/506>

Installing an I/O board

<http://paxton.info/507>

Using triggers and actions

Operation

The I/O board's inputs and outputs are configured using the Net2 software 'triggers and actions' feature.

Sales code	Description	Retail price
489-710	Net2 I/O board	£220.00
385-710	Net2 I/O board in plastic housing	£235.00
411-710	Net2 I/O board with 2A PSU in steel cabinet	£305.00



Net2 software

Intuitive Windows based software

Event reporting

Client/Server structure allowing multiple clients

TCP/IP camera integration

Timesheet time and attendance software (Professional)

Roll call and muster (Professional)

Anti-passback (Professional)

Fire alarm integration (Professional)

About

Net2 software is designed to run on a PC with a Windows 2000 or XP operating system. It is designed to feel immediately familiar to any Windows user. It will organise and report on up to 10,000 users and hundreds of doors. There are two versions of the software. Net2 standard software which is free and Net2 professional software.

Net2 standard software contains all of the basic access control features to control access privileges and report on users. Other features include multiple workstations, TCP/IP camera integration and remote sites using TCP/IP or modems.

Net2 professional software contains all of the features of Net2 standard software with the addition of fire alarm integration, roll call/muster reporting, anti-passback and Timesheet.

Installation

Once the control units are wired and powered the software can be installed. A wizard manages the installation. On running the software for the first time the control units will be automatically detected. The control units are named according to their serial number which is printed on each unit. Control unit names can be changed to something more meaningful. Each control unit is configured as required using the Net2 software.

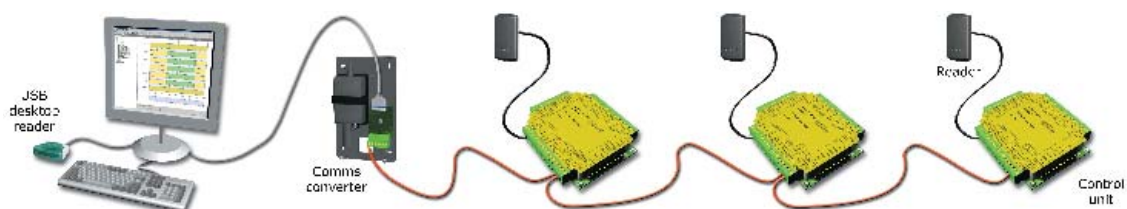
Operation

Net2 operators must be added. These are the users that are allowed to use the software. There are different permission levels to restrict access to certain features. Each operator must logon to the software using their user name and unique password. Operator logons are recorded in the events log.

The software is designed to be intuitive to use and all but the most complex functions can be performed easily and without training.

Web links

http://paxton.info/54	PC specifications
http://paxton.info/55	Importing user data
http://paxton.info/56	Net2 Card Printing
http://paxton.info/52	Managing remote sites
http://paxton.info/57	Time and attendance
http://paxton.info/58	How to backup Net2 data
http://paxton.info/59	Fire alarm, opening doors automatically
http://paxton.info/60	Roll call and Muster reports
http://paxton.info/72	3D visual



Sales code	Description	Retail price
930-001	Net2 standard software	£0.00
930-010	Net2 professional software	£350.00
941-136	Net2 demonstration software on CD	£0.00



PROXIMITY P series readers

Use with Switch2 or Net2

Easy mounting

Read range up to 100mm with cards and ISO cards

Supplied with a choice of black or white fascias

Low profile - less than 16mm deep

4 sizes

IP67 rated - suitable for external use

About

P series readers are for use with Switch2 and Net2 systems. The readers are supplied with a choice of black or white fascias. Replacement fascias are available to Paxton registered installers free of charge. P series readers are available in four sizes.

Installation

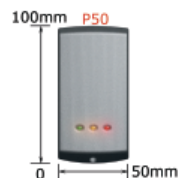
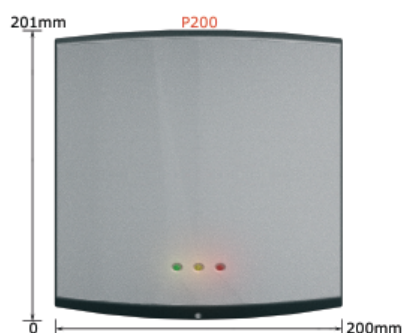
The reader is wired as shown on the control unit label. The cable exits centrally from the back of the reader making drilling and mounting very accurate.

Operation

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. Access is then granted or denied as appropriate. If access is granted the green LED flashes. If access is denied the red LED flashes.

Web links

http://paxton.info/30	Specifications
http://paxton.info/31	Installation instructions
http://paxton.info/6	Fascia colours
http://paxton.info/32	3D visual
http://paxton.info/116	Scale drawing
http://paxton.info/490	Switch2 quickstart guide
http://paxton.info/212	Net2 quickstart guide
http://paxton.info/516	P75 UK backbox adapter



Sales code	Description	Retail price
333-110	PROXIMITY P38 reader	£99.00
353-110	PROXIMITY P50 reader	£99.00
373-110	PROXIMITY P75 reader	£99.00
323-110	PROXIMITY P200 reader	£99.00
324-110	PROXIMITY P200 reader - Metal mount	£99.00



PROXIMITY vandal proof reader

- For use with Switch2 or Net2
- A great solution for vulnerable areas
- The reader is buried in a wall or door frame
- Supplied with a range of coloured caps
- Innovative design
- IP67 rated - suitable for external use

About

The vandal proof reader is for use with Switch2 and Net2 systems. The barrel-like construction of the reader means that it can be buried in a wall. This means that it is ideal for use in vandal prone areas where malicious damage could be a problem. Black and white caps are supplied with the reader. The end cap is used as a marker, so users know where to present their tokens. Other colours are available.

Installation

The reader is wired as shown on the control unit label. The reader itself is inserted into a 20mm diameter hole in the wall or door frame. The cap is then mounted as a visual marker for users. The reader should not be mounted into metal. The illustration below shows the different fitting options.

Web links	
http://paxton.info/97	Specifications
http://paxton.info/76	Installation instructions
http://paxton.info/77	3D visual

Operation

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. Access is then granted or denied as appropriate.



Sales code	Description	Retail price
568-855	PROXIMITY vandal proof reader	£135.00



PROXIMITY panel mount reader

Use with Switch2 or Net2

Designed for use in audio/video entry panels

Fits neatly behind a 40mm square aperture

40mm square is the industry standard size

Clear polycarbonate cover gives a neat finish

IP67 rated - suitable for external use

About

The panel mount reader is for use with Switch2 and Net2 systems. It is designed to fit into door entry panels. It can also be fitted into posts to control car park barriers. It fits behind a reader cut out of industry standard size.

Installation

The reader is wired as shown on the control unit label. It is designed to fit over 4 posts fixed around a 40mm square aperture.

Web links

http://paxton.info/98	Specifications
http://paxton.info/81	Installation Instructions
http://paxton.info/78	3D Visual

Operation

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. Access is then granted or denied as appropriate.



Sales code	Description	Retail price
390-135	PROXIMITY panel mount reader	£135.00



PROXIMITY backbox readers

Use with Switch2 or Net2

Fits onto standard UK electrical backboxes

Connections for pre-installed cable on the back of the reader

A neat solution for interior use on a new build or refitted building

Available in black or white finish

About

PROXIMITY backbox readers are for use with Switch2 and Net2 systems. The reader fits to standard UK electrical backboxes providing a neat installation option for new buildings and refurbishments. The backbox reader is designed for internal use only.

Installation

The backbox reader is supplied with rising clamp terminals at the back. Reader cable connects the reader to the control unit. Both the reader and control unit are clearly labelled. The reader is mounted to a standard backbox using the fixing screws provided.

Web links

http://paxton.info/100	Specifications
http://paxton.info/83	Installation instructions
http://paxton.info/80	3D visual

Operation

A token is read by holding it within close proximity to the reader. Once a token has been read the control unit looks up the access permissions of that user. Access is then granted or denied as appropriate. If access is granted the green LED flashes. If access is denied the red LED flashes.

Sales code	Description	Retail price
370-225BL	PROXIMITY backbox reader black	£135.00
370-225WT	PROXIMITY backbox reader white	£135.00



PROXIMITY KP series keypads

Use with Switch2 or Net2

Keypad and proximity reader all in one

Read range up to 100mm with cards and ISO cards

Easy mounting

Supplied with a choice of black or white bezels

Low profile - less than 16mm deep

2 sizes

IP67 rated - suitable for external use

About

KP readers are a keypad and a proximity reader all in one. This allows card plus PIN (or code) access control with a single reader. KP readers are for use with Switch2 and Net2 systems. The readers are supplied with a choice of black or white bezels. Additional colours are available as shown in the illustration below. Replacement bezels are available to Paxton registered installers free of charge. KP readers are available in two sizes.

Installation

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.

Operation

A token is read by holding it within close proximity of the reader. Once a token has been read an appropriate code or PIN must be entered using the keypad. 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.

Web links

http://paxton.info/39	Specifications
http://paxton.info/40	Installation instructions
http://paxton.info/41	3D visual
http://paxton.info/17	Bezel colours
http://paxton.info/154	Scale drawing
http://paxton.info/490	Switch2 quickstart guide
http://paxton.info/212	Net2 quickstart guide
http://paxton.info/515	How to program a Switch2
http://paxton.info/516	KP75 UK backbox adapter



Sales code	Description	Retail price
355-110	PROXIMITY KP50 keypad	£120.00
375-110	PROXIMITY KP75 keypad	£120.00



PROXIMITY metal reader

Use with Switch2 or Net2

Metal construction

Suitable for mounting on metal

Supplied with security screws and key

IP67 rated - suitable for external use

About

The PROXIMITY metal reader is for use with Switch2 and Net2 systems. It is contained in a cast metal housing with a satin chrome finish. The result is a smart, rugged reader. As the reader is already housed in metal, its operation is affected less by fitting within close proximity to other metal objects. This makes it suitable for installation onto metal door frames, car park reader posts etc.

Installation

The reader is wired as shown on the control unit label. A backplate is provided which facilitates accurate mounting. Security screws are provided to mount the reader to the backplate.

Web links

http://paxton.info/99	Specifications
http://paxton.info/82	Installation instructions
http://paxton.info/79	3D visual

Operation

A token is read by holding it within close proximity to the reader. Once a token has been read the control unit looks up the access permissions of that user. Access is then granted or denied as appropriate. If access is granted the green LED flashes, if access is denied the red LED flashes.

Sales code	Description	Retail price
390-747	PROXIMITY metal reader	£150.00



CARDLOCK reader

Use with Switch2 or Net2

Metal housing

Satin chrome finish

IPX7 rated - suitable for external use

About

CARDLOCK readers are for use with Switch2 and Net2 systems. The reader has a metal construction with a satin chrome finish.

Installation

The reader is wired as shown on the control unit label. A backplate is provided which facilitates accurate mounting.

Operation

A card is swiped through the reader. Once a card has been read the control unit looks up the access permissions of that user. Access is then granted or denied as appropriate.

Web links

http://paxton.info/84	Specifications
http://paxton.info/85	Installation instructions
http://paxton.info/86	3D Visual

Sales code	Description	Retail price
409-711SC	CARDLOCK reader satin chrome	£110.00



CARDLOCK plastic reader

Use with Switch2 or Net2

Smart plastic construction

A cost effective alternative

IPX7 rated - suitable for external use

About

CARDLOCK readers are for use with Switch2 and Net2 systems. The reader has a plastic construction and is suitable for external use. The reader is finished in black.

Installation

The reader is wired as shown on the control unit label. A backplate is provided which facilitates accurate mounting.

Operation

A card is swiped through the reader. Once a card has been read the control unit looks up the access permissions of that user. Access is then granted or denied as appropriate.

Web links

http://paxton.info/101	Specifications
http://paxton.info/85	Installation instructions
http://paxton.info/94	3D visual

Sales code	Description	Retail price
266-898	CARDLOCK reader black plastic external	£60.00



TOUCHLOCK K series keypads

Use with Switch2 or Net2

Supplied with a choice of black or white bezels

3 sizes

Low profile - less than 16mm deep

Easy mounting

IP67 rated - suitable for external use

About

K series keypads are for use with Switch2 and Net2 systems. The keypads are supplied with a choice of black or white bezels. Additional colours are available as shown in the illustration below. Replacement bezels are available to Paxton registered installers free of charge. K series keypads are available in three sizes.

Installation

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

Operation

A code is entered using the keypad. The control unit checks the validity of the code and grants or denies access as appropriate.

Web links

http://paxton.info/33	Specifications
http://paxton.info/34	Installation instructions
http://paxton.info/17	Bezel colours
http://paxton.info/35	3D visual
http://paxton.info/153	Scale drawing
http://paxton.info/490	Switch2 quickstart guide
http://paxton.info/212	Net2 quickstart guide
http://paxton.info/516	K75 UK backbox adapter



Sales code	Description	Retail price
331-110	TOUCHLOCK K38 keypad	£60.00
351-110	TOUCHLOCK K50 keypad	£60.00
371-110	TOUCHLOCK K75 keypad	£60.00



TOUCHLOCK K series stainless steel keypads

Use with Switch2 or Net2

Robust stainless steel construction

3 sizes

Low profile - less than 16mm deep

Easy mounting

IP67 rated - suitable for external use

About

K series stainless steel keypads are for use with Switch2 and Net2 systems. The keypad has a robust metal construction. K series stainless steel are available in three sizes.

Installation

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

Operation

A code is entered using the keypad. The control unit checks the validity of the code and grants or denies access as appropriate.

Web links

http://paxton.info/36	Specifications
http://paxton.info/37	Installation instructions
http://paxton.info/38	3D visual
http://paxton.info/152	Scale drawing
http://paxton.info/490	Switch2 quickstart guide
http://paxton.info/212	Net2 quickstart guide
http://paxton.info/516	K75 UK backbox adapter



Sales code	Description	Retail price
332-110	TOUCHLOCK K38 stainless steel keypad	£80.00
352-110	TOUCHLOCK K50 stainless steel keypad	£80.00
372-110	TOUCHLOCK K75 stainless steel keypad	£80.00



Net2 tokens

Each token is uniquely encoded

Proximity cards, keyfobs, watchprox and ISO cards

Magstripe cards

Keyfobs have a lifetime guarantee

Supplied in packs of 10

About

Proximity tokens and magstripe cards for use with the Net2 system. The tokens are supplied in packs of ten. Each token is programmed with an 8 digit unique number. Each token is packaged with the 8 digit number printed on the sleeve.

Installation

To issue a token the users' details are entered using the PC software. The token number is then entered by either presenting the token to the optional desktop reader OR by typing the number printed on the sleeve.

Web links

<http://paxton.info/93>

3D visual

Operation

Once programmed into the software the token is ready for use.

Sales code	Description	Retail price
693-112	Net2 proximity cards, pack of 10	£30.00
695-644	Net2 proximity keyfobs, box of 10	£30.00
698-574BL	Net2 Watchprox, black, pack of 10	£25.00
698-574GD	Net2 Watchprox, gold, pack of 10	£25.00
698-574SL	Net2 Watchprox, silver, pack of 10	£25.00
692-448	Net2 proximity ISO cards, pack of 10	£45.00
695-573	Net2 magstripe cards, pack of 10	£15.00
692-500	Net2 ISO cards no magstripe or signature panel pk of 10	£45.00



Net2Air hands free tokens

From 1m to 3m read range

Active tokens with replaceable batteries

Batteries last an average of 5 years

Works as a standard passive token with non-hands free readers

Compatible with P series readers equipped with the Net2Air interface

Uses Net2Air wireless technology

About

The term 'Hands free access control' means the token that identifies a user is read from within a pocket or handbag. No hands required. This is useful for gates and barriers, loading doors and where disabled or elderly people require access. The Net2Air hands free tokens, in conjunction with Net2Air hands free interface, achieve this using the unique Net2Air wireless technology.

Installation

Net2Air hands free tokens will only work with P series readers equipped with a Net2Air hands free interface.

Web links

<http://paxton.info/552>

Instructions

<http://paxton.info/553>

Specifications

<http://paxton.info/554>

3D visual

Operation

Net2Air hands free tokens work in active and passive modes. They give a range of between 1m and 3m on any reader equipped with a Net2Air interface. They work in passive mode with all other Paxton Access proximity readers. The tokens are enrolled onto the Net2 system using the standard desktop reader or by typing in the token number.



Sales code	Description	Retail price
690-222	Net2Air hands free keyfob	£25.00



Net2 desktop readers

Desktop readers to add tokens to the system

Add tokens quickly and accurately

Easily find the owner of a lost token

USB version for proximity

Magstripe version available

About

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 cards. Both proximity and magstripe versions are available.

Installation

The two types of desktop reader are installed very differently.

Proximity (514-326) - Simply plug into the USB port. No other connections are necessary. Additional workstations can also have desktop readers.

Proximity and magstripe (376-001) - Must be connected to a spare reader port on the nearest Net2 control unit. If there isn't a spare reader port then a dedicated control unit is required.

Web links

<http://paxton.info/87>

3D Visual

<http://paxton.info/69>

3D visual USB reader

Operation

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.

Sales code	Description	Retail price
514-326	Net2 Desktop Reader USB	£70.00
376-001	Net2 desktop reader, proximity and magstripe	£160.00



Net2 comms converter

Connects PC comport to Net2 dataline

Smart plastic housing

12V dc power supply included

Complete with mains lead

Suitable for wall mounting

About

The Net2 comms converter connects the PC comport (RS232) to the Net2 dataline (RS485). The converter is supplied in a black plastic enclosure complete with a 12V dc power supply.

Installation

The plastic enclosure is suitable for wall mounting. The unit must be located within 10m of the PC. A lead is supplied for connection to a mains spur.

Web links

http://paxton.info/88	Installation instructions
http://paxton.info/68	3D visual



Sales code	Description	Retail price
455-477	Net2 RS485/232 kit - comms converter in plastic housing	£95.00
769-322	Net2 serial lead for comms converter to PC	£8.00



Net2 RS485 repeater

Extend a dataline beyond 1km

Dataline can be branched off

Install up to 5 repeaters on a single dataline

About

The maximum length for a RS485 dataline is 1km. Using a repeater on the dataline allows it to be extended further. Each repeater extends the maximum overall dataline length by 1km. A maximum of five repeaters can be used on a single dataline.

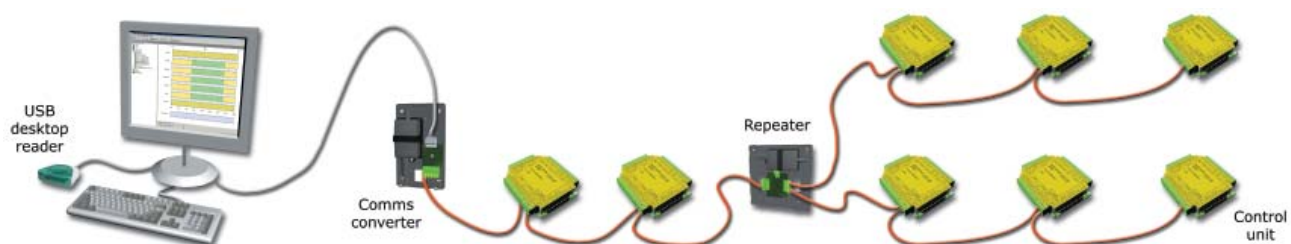
The repeater can also be used to allow branching of the dataline. Where the repeater is installed the dataline may be continued in two directions if required (see illustration below). For some applications this will reduce complexity and save on cable.

Installation

The repeater is supplied as a PCB board or mounted in a plastic housing with a 12V dc power supply. There are rising clamp terminals for connection to the three datalines (IN, OUT and BRANCH).

Web links

http://paxton.info/89	Installation instructions
http://paxton.info/73	3D visual



Sales code	Description	Retail price
477-836	Net2 RS485 high speed repeater	£180.00
477-844	Net2 RS485 repeater and PSU in plastic housing	£194.00



Net2 485 TCP/IP ethernet interface

Connect a Net2 dataline directly to a LAN/WAN

Several datalines can be connected

Use an existing TCP/IP Ethernet network

Manage multiple sites remotely

High speed compatible with 10/100 baseT Ethernet hubs

Up to 16 TCP/IP interfaces per Net2 system

About

The Net2 485 TCP/IP ethernet interface allows communication between the Net2 server PC and control units across a TCP/IP ethernet network. Where a PC network already exists this can be a very convenient solution. A single Net2 system can comprise of up to 16 datalines each connecting to the PC network using a 485 TCP/IP interface.

Installation

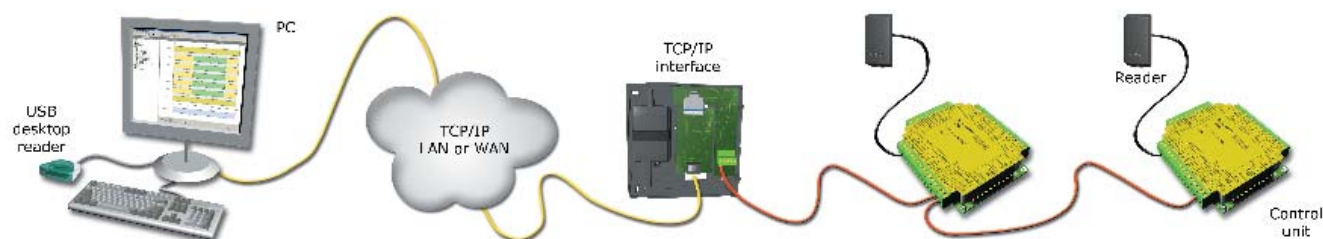
The 485 TCP/IP interface connects to the PC network using standard CAT5 cable with an RJ45 connector. The interface has labelled terminals for connection to the Net2 dataline. The 485 TCP/IP interface can either be given a fixed IP address or use a DHCP server to get an address. All configuration of the unit is done using the Net2 software.

Web links

http://paxton.info/51	Setting up remote sites using TCP/IP
http://paxton.info/52	Managing remote sites
http://paxton.info/70	3D visual

Operation

Once the Net2 485 TCP/IP interface has been configured, the operation of the control units is exactly the same as if connected directly to the PC. If the PC network fails then the control units will continue to operate as normal; permitting or denying access to users and buffering events.



Sales code	Description	Retail price
655-861	Net2 485 TCP/IP ethernet interface	£260.00



Net2Air hands free interface

Convert existing or new P series readers to hands free

Wires in series with the reader

Requires no separate power source

Uses Net2Air wireless technology

About

The term 'Hands free access control' means the token that identifies a user is read from within a pocket or handbag. No hands required. This is useful for gates and barriers, loading doors and where disabled or elderly people require access. The Net2Air hands free interface, in conjunction with Net2Air hands free tokens, achieve this using the unique Net2Air wireless technology.

Installation

Any new or existing P series reader can be converted to hands free by fitting a Net2Air hands free interface. The interface requires no external power source and is wired in series between the reader and the control unit. The interface should be mounted as close to the reader as is possible up to a maximum of 50m.

Operation

Once the interface has been fitted, Net2Air hands free tokens will have a read range of between 1m and 3m. The reader will continue to read regular tokens as usual. If the long read range causes any problems, such as people unlocking the door as they walk past, an entry button can be fitted. The entry button can be any standard push to make device and prevents the door from opening until it has been pressed.

Web links

http://paxton.info/550	Instructions
http://paxton.info/551	Specifications
http://paxton.info/555	3D visual

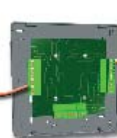
Net2Air keyfob



P series reader



Net2Air interface



Net2 control unit



Sales code	Description	Retail price
477-222	Net2Air hands free interface in plastic housing	£100.00



Net2 modem

Connect a Net2 dataline using a standard phone line

Connect several sites on the same Net2 system

Either permanent or occasional connection

Schedule automatic dial up times for several sites

About

The Net2 modem and modem adaptor allow communication between the Net2 server PC and control units across a standard phone line. This is ideal for managing remote sites. The remote sites need only be connected when system changes are made or event reports are required. A single system can comprise of several Net2 datalines connected by phone line.

Installation

A Net2 modem is required at both the Net2 server PC and at each remote site. At each remote site the Net2 modem is connected to the Net2 modem adaptor. The adaptor has labelled terminals for the connection of the Net2 dataline.

When adding control units which are connected by a phone line, the ACU serial numbers must be added manually. This is to increase the security of the system. All configuration of the remote datalines is done using the Net2 software.

Web links

<http://paxton.info/53>

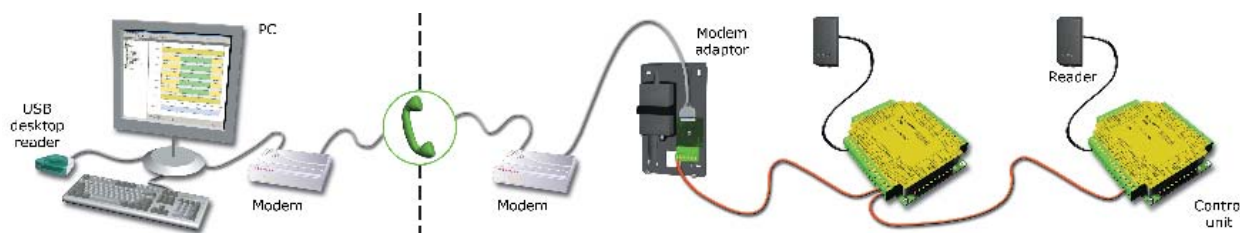
Setting up remote sites using modems

<http://paxton.info/52>

Managing remote sites

Operation

Remote datalines can be connected to periodically (using the dial up schedule) or manually at any time. When connected, the operation of the control units is exactly the same as when connected directly to the PC. When not connected the control units continue to operate as normal; permitting or denying access to users and buffering events.



Sales code	Description	Retail price
477-900	Net2 Modem	£200.00
477-971	Net2 Modem adaptor	£95.00



Power supplies

A range of 12V dc power supplies

Backup batteries

1 or 2 Amp supplies

Different enclosure options

About

A range of 12V dc power supplies for use with Paxton systems. All are designed to connect to a standard UK mains supply via a switched fused spur connection.

The 998-241 is a 12Vdc power supply in a plastic enclosure. This is a low cost alternative to the boxed backup power supplies.

The 339-424 and the 857-693 are boxed backup power supplies. This means that when installed with the appropriate battery (listed), the power supply will continue to provide 12Vdc for an extended period in the event of a power failure. The exact duration of the backup period will be dependent on the power consumption of the access control system and the capacity of the battery.

The batteries available are a 1.2 Amp hour item for the 1A boxed power supply, and a 7 Amp hour battery for the 2A boxed power supply. They are of the lead acid gel type, and are maintenance free. They have a five year life when used within electrical and temperature specifications.

Installation

Installation for each power supply differs. Instructions are supplied with each unit.

Web links

<http://paxton.info/90>

Installation instructions 857-693

998-241



339-424



339-425



857-693



862-719



Sales code	Description	Retail price
998-241	12V dc 1A power supply in black plastic housing	£14.00
339-424	1A 12V dc boxed backup power supply	£49.50
339-425	12V 1.2AH battery for 1A boxed PSU	£15.00
857-693	2A 12V dc boxed power supply with mains monitoring	£84.00
862-719	12V 7AH battery for 2A boxed PSU	£22.50



Exit buttons

Robust metal exit button

Supplied with a choice of black or white bezels

3 sizes

Green LED

Complements PROXIMITY readers and keypads

About

Exit buttons may be used with Compact, Switch2 or Net2 systems. They are designed to match our range of PROXIMITY readers and keypads. The exit buttons are supplied with a choice of black or white fascias which can be fitted in the final stages of installation. The exit buttons are available in three sizes as shown in the illustration below.

Installation

The installation instructions show how the exit button is wired to Compact, Switch2 and Net2 systems. The E75 exit button fits on a standard UK recessed backbox.

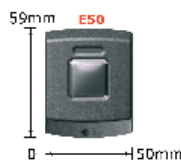
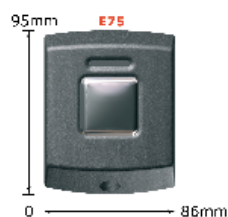
The exit button with screw connectors is not pre-wired. It is supplied with rising clamp terminals at the rear.

Web links

http://paxton.info/28	Installation instructions
http://paxton.info/29	3D visual
http://paxton.info/104	Bezel colours
http://paxton.info/156	Scale drawing

Operation

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).



Sales code	Description	Retail price
336-310	Exit button E38	£25.00
356-310	Exit button E50	£25.00
376-310	Exit button E75	£25.00
376-320	Exit button E75 with screw connector	£25.00



Reader cable

Overall screened 10-core cable

Suitable for internal use

Reader and keypads extend up to 100m

About

Readers and keypads are pre-wired with 5m of cable. If this needs extending then reader cable must be used.

Installation

The maximum cable length from reader to control unit is 100m. When using reader cable over distances in excess of 25m the 12V and 0V cores should be doubled up to minimise voltage drop.

Sales code	Description	Retail price
166-010	Reader cable 10 core CR9540 10m roll	£12.00
166-025	Reader cable 10 core CR9540 25m roll	£27.00
166-100	Reader cable 10 core CR9540 100m roll	£78.00



Data cable

CAT5 cable, 8-core twisted pair
Extend the Net2 RS485 dataline
Dataline up to 1,000m

About

CAT5 cable is used to connect Net2 control units together. This forms the network and allows central control from a PC.

Installation

Internal or external CAT5 is used as required. A single dataline can be extended up to 1,000m. If a greater distance is required then a Net2 RS485 repeater can be used. A Net2 system can include several datalines.
CAT5 cable is unscreened. Only 4 cores are used for data. The remaining cores should be connected to the 'SCREEN' terminal.

Sales code	Description	Retail price
120-305	CAT5 data cable 305m boxed reel	£95.00
125-305	CAT5 data cable external 305m boxed reel	£340.00



Electric locks

12V d.c. operation

Rim and mortice fitting

Fits with standard latches

Fail open or fail closed options

Attractive satin chrome finish

About

These are good general purpose devices with mortice plates and rims cases included to suit the two types of installation.

Installation

Remove the cover of the electric release. Connect the two core cables to the terminals inside the release. Replace the cover of the release. Screw the release into the jamb.

If you are using the rim fitting, do not refit the side plate.

Sales code	Description	Retail price
600-750	12V dc fail locked electric release kit	£29.50
592-461	12V dc fail open release kit	£59.00



Net2 demonstration equipment

Complete Net2 system in a case

Connects directly to a PC

Software is supplied

Smart case with rechargeable battery

Can be ordered directly from Paxton Access

Low price

About

The Net2 demonstration case can be taken to a customer's premises and used to demonstrate the Net2 system. Seeing and using the system increases the chance of the customer placing an order. The Net2 demonstration case contains a control unit, two PROXIMITY readers, a comms converter, eight tokens, a rechargeable battery, PC software and a serial lead to connect to a PC. As the case is used to sell Net2 systems it is sold at a greatly reduced price. In contrast to the rest of the product range, demonstration equipment can be ordered directly from Paxton Access.

Installation

The case is supplied ready to use. Once the PC software has been installed the case is connected to the PC via the serial lead.

Operation

The operation of the system is identical to a standard single door Net2 system. All configuration and user changes are managed from the PC. If required the case can be connected to different PCs.

To order demonstration equipment call Paxton Access on: +44 (0) 845 838 1716



Sales code	Description	Retail price
541-996	Net2 demonstration case	£145.00



UK backbox adapter - 75 series

Use with any 75mm Paxton Access reader

Fits onto standard UK electrical backboxes

Supplied in both black and white

About

The adapter allows any 75mm Paxton Access reader to be mounted to a standard UK electrical backbox.

Compatible Readers

PROXIMITY P75 reader

PROXIMITY KP75 keypad

TOUCHLOCK K75 keypad

TOUCHLOCK K75 stainless steel keypad

The adaptor also fits 75mm readers from the Paxton Access 'Compact' range.

Installation

The adapter is mounted to a standard backbox using the fixing screws provided. The 75mm reader is then mounted onto the adapter using the fitting kit provided with the reader.

Sales code	Description	Retail price
310-750	75 series UK back box adaptor kit	£5.00

General access control terms

Access Control Unit (ACU)	A general term to describe a range of devices which have the control electronics and intelligence to make the decision to allow access at one or several points. It will have connectors or cables ready to link to readers, keypads, locks, etc.
Access Control System	An access control system comprises input for identification (e.g. a keypad or reader), intelligent electronics for decision making and outputs for operating access point hardware (e.g. locks, barriers, etc.)
Access level	A definition of entry points and times at which a user or a group of users is allowed access.
Anti-passback	This is a feature in an access control system to counter passback - see Passback, Timed anti-passback and Logical anti-passback.
Bench Test	The wiring and configuration of a system at the installer's premises before installation. This is a recommended procedure before installing any system for the first time. The time spent in becoming familiar with the equipment will invariably be recouped several times over on site.
Common Reference (CR)	CR refers to the cable reference numbers commonly used to identify cable of a specific type.
Distributed Intelligence	In a networked access control system, access control units are linked and communicate with each other or a PC is used to control the system. Distributed intelligence means that the access control units hold user information and system settings locally. This enables the ACUs to carry on functioning if communication links are severed.
Door open time	An electric locking device has power supplied / denied to release and allow access when a valid token is presented. The time period that the electric release is energised / de-energised is referred to as the door open time.
Easy to install	Products that require little initial training for the installer. They have been designed so that they can be installed from the instructions without continuous referrals to the manufacturer about obscure points that are not documented. System set up will be very quick and easy to understand.
Easy to use	Products that are easy to use, require very little initial customer training and generate few aftersales queries from customers.
Event recording	Access control units may be provided with memory to record events. Events recorded should include the access point details, date, time and user ID for each occasion when access is granted. Many other events may be recorded depending upon the system, e.g. details of access denied and alarm events. Where events are recorded, the access control unit will be capable of sending the information to a printer or computer for providing reports.
Logical anti-passback	When a user uses their card to go into a defined area, they must use their card again to leave that area before the same card will allow access back into the same area again.
Magstripe	Magnetic stripe reading technology - cards with a number encoded on a magnetic stripe are swiped through a slot on a reader.
Network System	A system where access control units are linked together by a data cable for the exchange of information between units. The purpose of this is to provide easier configuration and better management information for larger and more complex applications. All access points on the system can be set up and managed from a single point. The access control units on network systems record events. Most systems allow for a computer to be connected to the network to allow control and reporting to be carried out using a dedicated software program.
Passback	Passback is where a user uses their card and then 'passes it back' to another user so that they may gain access using the same card - for example at a turnstile or a vehicle barrier going into a car park. See anti-passback.
Photo ID	Where a photograph of the user is printed or attached to their user token allowing them to be identified.
Proximity	The token or card is held close to the reader and sends a unique number by radio signal to the reader.

Standalone System	A system with a single access control unit with no intelligent links to other control units. Standalone systems are available with and without event recording.
Time slot	A period of time held in access control hardware.
Time zone	A number of time slots entered onto a calendar to give a weekly time schedule.
Timed anti-passback	A user uses their card to enter into a defined area. Their card cannot be used to enter the same area again until the end of a time delay which is specified by the system manager.
Tailgating	A term used to describe an individual gaining access through an access point by following through after an authorised user.
User token	This is a generic term for the devices that users of an access control system use to identify themselves and gain entry through access points. User tokens may be magstripe cards, proximity keyfobs, smart cards, etc.

Paxton Access product name terminology

Card	A generic term for magstripe cards, proximity tokens, etc that are carried by system users and are used by them to identify themselves to an access control system.
Compact	Compact systems are simple standalone access control systems that have all the electronics and intelligence within the reader or keypad housing. They provide the simplest and lowest cost installation.
Kit	A kit is a package of separate access control system components. The kit will include the keypad or reader and the control electronics. It may also include a power supply or lock - it is important to check the exact contents of any kit before ordering. There are pictures in the buying guide of every kit supplied and its contents. Kits do not usually include any cards.
Magstripe	Magnetic stripe reading technology - cards with a number encoded on a magnetic stripe are swiped through a slot on a reader. High quality hi-co magnetic stripe cards should be used with access control systems.
Net2	A system where the access control units are linked together by a data cable for the exchange of information between units. The purpose of this is to provide easier configuration and better management information for larger and more complex applications. All access points on the system can be set up and managed from a single point. The access control units on Net2 systems record events. The system allows for a computer to be connected to the network to allow control and reporting to be carried out using a dedicated Net2 software program.
Proximity ISO card	ISO cards are the same size as standard bank or credit cards. They can be used with standard card printers for photo ID. They also have a magnetic stripe that can be encoded for use with other systems such as vending.
Proximity or Prox	Proximity reading technology is where the token is held close to the reader and sends a unique number by radio signal to the reader.
Proximity keyfob	Keyfobs are for applications where convenience is important. They are made of hard plastic and will fit onto a keyring. They can be attached to car / house keys for reduced losses, hence reducing the cost of replacing fobs.
Proximity watchprox	Watchprox are for applications where convenience is important, and users do not wish to carry a token. They are fixed to the strap of the users watch and offer the most convenient means of carrying an access token.
Switch2	Standalone control units that have all the control electronics and intelligence on a small circuit board that has been designed to be easily mountable inside standard low voltage power supply cabinets or in a purpose built plastic housing. Readers or keypads are wired to the board, which provides connections for switching most types of locks, gates, turnstiles, etc.
System	An access control product that is a system, comprises input for identification (e.g. keypad or reader), intelligence for decision making and outputs for operating access point hardware (e.g. lock). This distinguishes it from products that are for example just readers or keypads or control units.
Token	A term used to collectively describe proximity cards, keyfobs and watchprox.

Sales Code	Description	Page Number	Retail Price
Compact range			
PROXIMITY P series compact readers			
333-210	PROXIMITY P38 compact reader	10	£130.00
353-210	PROXIMITY P50 compact reader	10	£130.00
373-210	PROXIMITY P75 compact reader	10	£130.00
PROXIMITY vandal proof compact reader			
326-735	PROXIMITY compact vandal proof reader	11	£170.00
CARDLOCK compact readers			
945-803SC	CARDLOCK compact reader satin chrome	12	£210.00
TOUCHLOCK K series compact keypads			
331-210	TOUCHLOCK K38 compact keypad	13	£85.00
351-210	TOUCHLOCK K50 compact keypad	13	£85.00
371-210	TOUCHLOCK K75 compact keypad	13	£85.00
TOUCHLOCK K series stainless steel compact keypads			
332-210	TOUCHLOCK K38 stainless steel compact keypad	14	£105.00
352-210	TOUCHLOCK K50 stainless steel compact keypad	14	£105.00
372-210	TOUCHLOCK K75 stainless steel compact keypad	14	£105.00
PROXIMITY card packs			
830-010A	PROXIMITY 10 card pack amber	15	£60.00
830-010G	PROXIMITY 10 card pack green	15	£60.00
830-010R	PROXIMITY 10 card pack red	15	£60.00
830-025A	PROXIMITY 25 card pack amber	15	£110.00
830-025G	PROXIMITY 25 card pack green	15	£110.00
830-025R	PROXIMITY 25 card pack red	15	£110.00
830-050A	PROXIMITY 50 card pack amber	15	£190.00
830-050G	PROXIMITY 50 card pack green	15	£190.00
830-050R	PROXIMITY 50 card pack red	15	£190.00
830-100A	PROXIMITY 100 card pack amber	15	£350.00
830-100G	PROXIMITY 100 card pack green	15	£350.00
830-100R	PROXIMITY 100 card pack red	15	£350.00
PROXIMITY keyfob packs			
820-010A	PROXIMITY 10 keyfob pack amber	16	£60.00
820-010G	PROXIMITY 10 keyfob pack green	16	£60.00
820-010R	PROXIMITY 10 keyfob pack red	16	£60.00
820-025A	PROXIMITY 25 keyfob pack amber	16	£110.00
820-025G	PROXIMITY 25 keyfob pack green	16	£110.00
820-025R	PROXIMITY 25 keyfob pack red	16	£110.00
820-050A	PROXIMITY 50 keyfob pack amber	16	£190.00
820-050G	PROXIMITY 50 keyfob pack green	16	£190.00
820-050R	PROXIMITY 50 keyfob pack red	16	£190.00
820-100A	PROXIMITY 100 keyfob pack amber	16	£350.00
820-100G	PROXIMITY 100 keyfob pack green	16	£350.00
820-100R	PROXIMITY 100 keyfob pack red	16	£350.00
PROXIMITY function card pack			
820-000	PROXIMITY function card pack	17	£40.00
PROXIMITY encoding system			
412-500	PROXIMITY encoding system USB	18	£70.00
542-990	PROXIMITY enrolment card plus for additional site	18	£50.00
202-630	Unencoded PROXIMITY ISO card	18	£4.00
202-782SL	Unencoded PROXIMITY Watchprox, silver	18	£2.50
202-782GD	Unencoded PROXIMITY Watchprox, gold	18	£2.50
202-782BL	Unencoded PROXIMITY Watchprox, black	18	£2.50
202-325G	Unencoded PROXIMITY keyfob green	18	£2.50
202-668G	Unencoded PROXIMITY card green	18	£2.50
202-325A	Unencoded PROXIMITY keyfob amber	18	£2.50
202-325R	Unencoded PROXIMITY keyfob red	18	£2.50
202-668A	Unencoded PROXIMITY card amber	18	£2.50
202-668R	Unencoded PROXIMITY card red	18	£2.50
CARDLOCK cards			
850-010	CARDLOCK 10 card starter pack	19	£20.00
850-050	CARDLOCK 50 card starter pack	19	£80.00
850-100	CARDLOCK 100 card starter pack	19	£150.00
875-001G	CARDLOCK 1 extra user card green	19	£1.50
875-001A	CARDLOCK 1 extra user card amber	19	£1.50
875-001R	CARDLOCK 1 extra user card red	19	£1.50
875-001B	CARDLOCK 1 extra user card blank	19	£1.50
CARDLOCK function card pack			
877-012	CARDLOCK function card pack	20	£40.00
Exit buttons			
336-310	Exit button E38	22	£25.00
356-310	Exit button E50	22	£25.00
376-310	Exit button E75	22	£25.00
376-320	Exit button E75 with screw connector	22	£25.00
Power supplies			
998-241	12V dc 1A power supply in black plastic housing	21	£14.00
339-424	1A 12V dc boxed backup power supply	21	£49.50
339-425	12V 1.2AH battery for 1A boxed PSU	21	£15.00
857-693	2A 12V dc boxed power supply with mains monitoring	21	£84.00

Sales Code	Description	Page Number	Retail Price
862-719	12V 7AH battery for 2A boxed PSU	21	£22.50
Standalone demonstration equipment			
519-687	TOUCHLOCK demonstration unit	25	£60.00
519-686	PROXIMITY demonstration unit	25	£60.00
541-822	PROXIMITY demonstration case	25	£80.00
Electric locks			
600-750	12V dc fail locked electric release kit	23	£29.50
592-461	12V dc fail open release kit	23	£59.00
UK backbox adapter - 75 series			
310-750	75 series UK back box adaptor kit	24	£5.00
Switch2 range			
Switch2 control units			
405-321	Switch2 control unit	30	£80.00
242-166	Switch2 control unit and 1A PSU in black plastic housing	30	£95.00
PROXIMITY P series readers			
333-110	PROXIMITY P38 reader	31	£99.00
353-110	PROXIMITY P50 reader	31	£99.00
373-110	PROXIMITY P75 reader	31	£99.00
324-110	PROXIMITY P200 reader	31	£99.00
323-110	PROXIMITY P200 reader - Metal mount	31	£99.00
PROXIMITY KP series keypads			
355-110	PROXIMITY KP50 keypad	36	£120.00
375-110	PROXIMITY KP75 keypad	36	£120.00
PROXIMITY vandal proof reader			
568-855	PROXIMITY vandal proof reader	32	£135.00
PROXIMITY panel mount reader			
390-135	PROXIMITY panel mount reader	33	£135.00
PROXIMITY metal reader			
390-747	PROXIMITY metal reader	34	£150.00
PROXIMITY backbox readers			
370-225BL	PROXIMITY backbox reader black	35	£135.00
370-225WT	PROXIMITY backbox reader white	35	£135.00
CARDLOCK reader			
409-711SC	CARDLOCK reader satin chrome	37	£110.00
CARDLOCK plastic reader			
266-898	CARDLOCK reader black plastic external	38	£60.00
TOUCHLOCK K series keypads			
39331-110	TOUCHLOCK K38 keypad	39	£60.00
351-110	TOUCHLOCK K50 keypad	39	£60.00
371-110	TOUCHLOCK K75 keypad	39	£60.00
TOUCHLOCK K series stainless steel keypads			
332-110	TOUCHLOCK K38 stainless steel keypad	40	£80.00
352-110	TOUCHLOCK K50 stainless steel keypad	40	£80.00
372-110	TOUCHLOCK K75 stainless steel keypad	40	£80.00
PROXIMITY card packs			
830-010A	PROXIMITY 10 card pack amber	41	£60.00
830-010G	PROXIMITY 10 card pack green	41	£60.00
830-010R	PROXIMITY 10 card pack red	41	£60.00
830-025A	PROXIMITY 25 card pack amber	41	£110.00
830-025G	PROXIMITY 25 card pack green	41	£110.00
830-025R	PROXIMITY 25 card pack red	41	£110.00
830-050A	PROXIMITY 50 card pack amber	41	£190.00
830-050G	PROXIMITY 50 card pack green	41	£190.00
830-050R	PROXIMITY 50 card pack red	41	£190.00
830-100A	PROXIMITY 100 card pack amber	41	£350.00
830-100G	PROXIMITY 100 card pack green	41	£350.00
830-100R	PROXIMITY 100 card pack red	41	£350.00
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820-010A	PROXIMITY 10 keyfob pack amber	42	£60.00
820-010G	PROXIMITY 10 keyfob pack green	42	£60.00
820-010R	PROXIMITY 10 keyfob pack red	42	£60.00
820-025A	PROXIMITY 25 keyfob pack amber	42	£110.00
820-025G	PROXIMITY 25 keyfob pack green	42	£110.00
820-025R	PROXIMITY 25 keyfob pack red	42	£110.00
820-050A	PROXIMITY 50 keyfob pack amber	42	£190.00
820-050G	PROXIMITY 50 keyfob pack green	42	£190.00
820-050R	PROXIMITY 50 keyfob pack red	42	£190.00
820-100A	PROXIMITY 100 keyfob pack amber	42	£350.00
820-100G	PROXIMITY 100 keyfob pack green	42	£350.00
820-100R	PROXIMITY 100 keyfob pack red	42	£350.00
PROXIMITY function card pack			
820-000	PROXIMITY function card pack	43	£40.00
PROXIMITY encoding system			
412-500	PROXIMITY encoding system USB	44	£70.00
542-990	PROXIMITY enrolment card plus for additional site	44	£50.00
202-630	Unencoded PROXIMITY ISO card	44	£4.00

Sales Code	Description	Page Number	Retail Price
202-782SL	Unencoded PROXIMITY Watchprox, silver	44	£2.50
202-782GD	Unencoded PROXIMITY Watchprox, gold	44	£2.50
202-782BL	Unencoded PROXIMITY Watchprox, black	44	£2.50
202-325G	Unencoded PROXIMITY keyfob green	44	£2.50
202-668G	Unencoded PROXIMITY card green	44	£2.50
202-325A	Unencoded PROXIMITY keyfob amber	44	£2.50
202-325R	Unencoded PROXIMITY keyfob red	44	£2.50
202-668A	Unencoded PROXIMITY card amber	44	£2.50
202-668R	Unencoded PROXIMITY card red	44	£2.50
CARDLOCK cards			
850-010	CARDLOCK 10 card starter pack	45	£20.00
850-050	CARDLOCK 50 card starter pack	45	£80.00
850-100	CARDLOCK 100 card starter pack	45	£150.00
875-001G	CARDLOCK 1 extra user card green	45	£1.50
875-001A	CARDLOCK 1 extra user card amber	45	£1.50
875-001R	CARDLOCK 1 extra user card red	45	£1.50
875-001B	CARDLOCK 1 extra user card blank	45	£1.50
CARDLOCK function card pack			
877-012	CARDLOCK function card pack	46	£40.00
Exit buttons			
336-310	Exit button E38	48	£25.00
356-310	Exit button E50	48	£25.00
376-310	Exit button E75	48	£25.00
376-320	Exit button E75 with screw connector	48	£25.00
Power supplies			
998-241	12V dc 1A power supply in black plastic housing	47	£14.00
339-424	1A 12V dc boxed backup power supply	47	£49.50
339-425	12V 1.2AH battery for 1A boxed PSU	47	£15.00
857-693	2A 12V dc boxed power supply with mains monitoring	47	£84.00
862-719	12V 7AH battery for 2A boxed PSU	47	£22.50
Reader cable			
166-010	Reader cable 10 core CR9540 10m roll	49	£12.00
166-025	Reader cable 10 core CR9540 25m roll	49	£27.00
166-100	Reader cable 10 core CR9540 100m roll	49	£78.00
Standalone demonstration equipment			
519-687	TOUCHLOCK demonstration unit	52	£60.00
519-686	PROXIMITY demonstration unit	52	£60.00
541-822	PROXIMITY demonstration case	52	£80.00
Electric locks			
600-750	12V dc fail locked electric release kit	50	£29.50
592-461	12V dc fail open release kit	50	£59.00
UK backbox adapter - 75 series			
310-750	75 series UK back box adaptor kit	51	£5.00

Net2 range

Net2 control units

489-334	Net2 1 door access control unit	62	£220.00
385-527	Net2 1 door ACU in plastic housing	62	£235.00
411-381	Net2 1 door ACU with 2A PSU in steel cabinet	62	£305.00

PROXIMITY P series readers

333-110	PROXIMITY P38 reader	65	£99.00
353-110	PROXIMITY P50 reader	65	£99.00
373-110	PROXIMITY P75 reader	65	£99.00

PROXIMITY KP series keypads

355-110	PROXIMITY KP50 keypad	69	£120.00
375-110	PROXIMITY KP75 keypad	69	£120.00

66PROXIMITY vandal proof reader

568-855	PROXIMITY vandal proof reader	66	£135.00
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PROXIMITY panel mount reader6

390-135	PROXIMITY panel mount reader	67	£135.00
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PROXIMITY metal reader

390-747	PROXIMITY metal reader	70	£150.00
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PROXIMITY backbox readers

370-225BL	PROXIMITY backbox reader black	68	£135.00
370-225WT	PROXIMITY backbox reader white	68	£135.00

CARDLOCK reader

409-711SC	CARDLOCK reader satin chrome	71	£110.00
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CARDLOCK plastic reader

266-898	CARDLOCK reader black plastic external	72	£60.00
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69TOUCHLOCK K series keypads69

69331-110	TOUCHLOCK K38 keypad	73	£60.00
351-110	TOUCHLOCK K50 keypad	73	£60.00
371-110	TOUCHLOCK K75 keypad	73	£60.00

TOUCHLOCK K series stainless steel keypads

332-110	TOUCHLOCK K38 stainless steel keypad	74	£80.00
352-110	TOUCHLOCK K50 stainless steel keypad	74	£80.00

Sales Code	Description	Page Number	Retail Price
372-110	TOUCHLOCK K75 stainless steel keypad	74	£80.00
Net2 tokens			
693-112	Net2 proximity cards, pack of 10	75	£30.00
695-644	Net2 proximity keyfobs, box of 10	75	£30.00
698-574BL	Net2 Watchprox, black, pack of 10	75	£25.00
698-574GD	Net2 Watchprox, gold, pack of 10	75	£25.00
698-574SL	Net2 Watchprox, silver, pack of 10	75	£25.00
692-448	Net2 proximity ISO cards, pack of 10	75	£45.00
695-573	Net2 magstripe cards, pack of 10	75	£15.00
731-241	Net2 demonstration cards and keyfobs, pack of 8	75	£20.00
692-500	Net2 ISO cards no magstripe or signature panel pk of 10	75	£45.00
Net2Air tokens			
690-222	Net2Air hands free keyfob	76	
Exit buttons			
336-310	Exit button E38	84	£25.00
356-310	Exit button E50	84	£25.00
376-310	Exit button E75	84	£25.00
376-320	Exit button E75 with screw connector	84	£25.00
Power supplies			
998-241	12V dc 1A power supply in black plastic housing	83	£14.00
339-424	1A 12V dc boxed backup power supply	83	£49.50
339-425	12V 1.2AH battery for 1A boxed PSU	83	£15.00
857-693	2A 12V dc boxed power supply with mains monitoring	83	£84.00
862-719	12V 7AH battery for 2A boxed PSU	83	£22.50
Data cable			
120-305	CAT5 data cable 305m boxed reel	86	£95.00
125-305	CAT5 data cable external 305m boxed reel	86	£340.00
Reader cable			
166-010	Reader cable 10 core CR9540 10m roll	85	£12.00
166-025	Reader cable 10 core CR9540 25m roll	85	£27.00
166-100	Reader cable 10 core CR9540 100m roll	85	£78.00
Net2 demonstration equipment			
541-996	Net2 demonstration case	88	£145.00
Electric locks			
600-750	12V dc fail locked electric release kit	87	£29.50
592-461	12V dc fail open release kit	87	£59.00
UK backbox adapter - 75 series			
310-750	75 series UK back box adaptor kit	89	£5.00
Net2 software			
930-001	Net2 standard software	64	£0.00
930-010	Net2 professional software	64	£350.00
941-136	Net2 demonstration software on CD	64	£0.00
Net2 desktop readers			
514-326	Net2 Desktop Reader USB	77	£70.00
376-001	Net2 desktop reader, proximity and magstripe	77	£160.00
Net2 comms converter			
455-477	Net2 RS485/232 kit - comms converter in plastic housing	78	£95.00
769-322	Net2 serial lead for comms converter to PC	78	£8.00
Net2 RS485 repeater			
477-836	Net2 RS485 high speed repeater	79	£180.00
477-844	Net2 RS485 repeater and PSU in plastic housing	79	£194.00
Net2 485 TCP/IP ethernet interface			
655-861	Net2 485 TCP/IP ethernet interface	80	£260.00
Net2 modem			
477-900	Net2 Modem	82	£200.00
477-971	Net2 Modem adaptor	82	£95.00
Net2 I/O boards			
489-710	Net2 I/O board	63	£220.00
385-710	Net2 I/O board in plastic housing	63	£235.00
411-710	Net2 I/O board with 2A PSU in steel cabinet	63	£305.00
Net2Air hands free interface			
477-222	Net2Air hands free interface	81	£100.00

All goods are supplied in accordance with our standard conditions of sale. A copy of our terms and conditions is available on request.

Prices are correct as at 1st May 2006 - however they are not guaranteed for the life of the brochure. If you wish to check prior to quoting please visit our website www.paxton-access.co.uk or contact our sales team.



Paxton Access