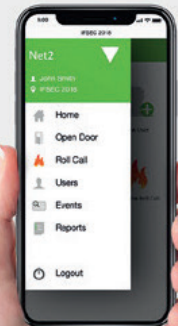


REGAL

Paxton

Smart access control and door entry systems

Product Solution Guide



How Does Net2 Work?

Benefits of the Net2 system:

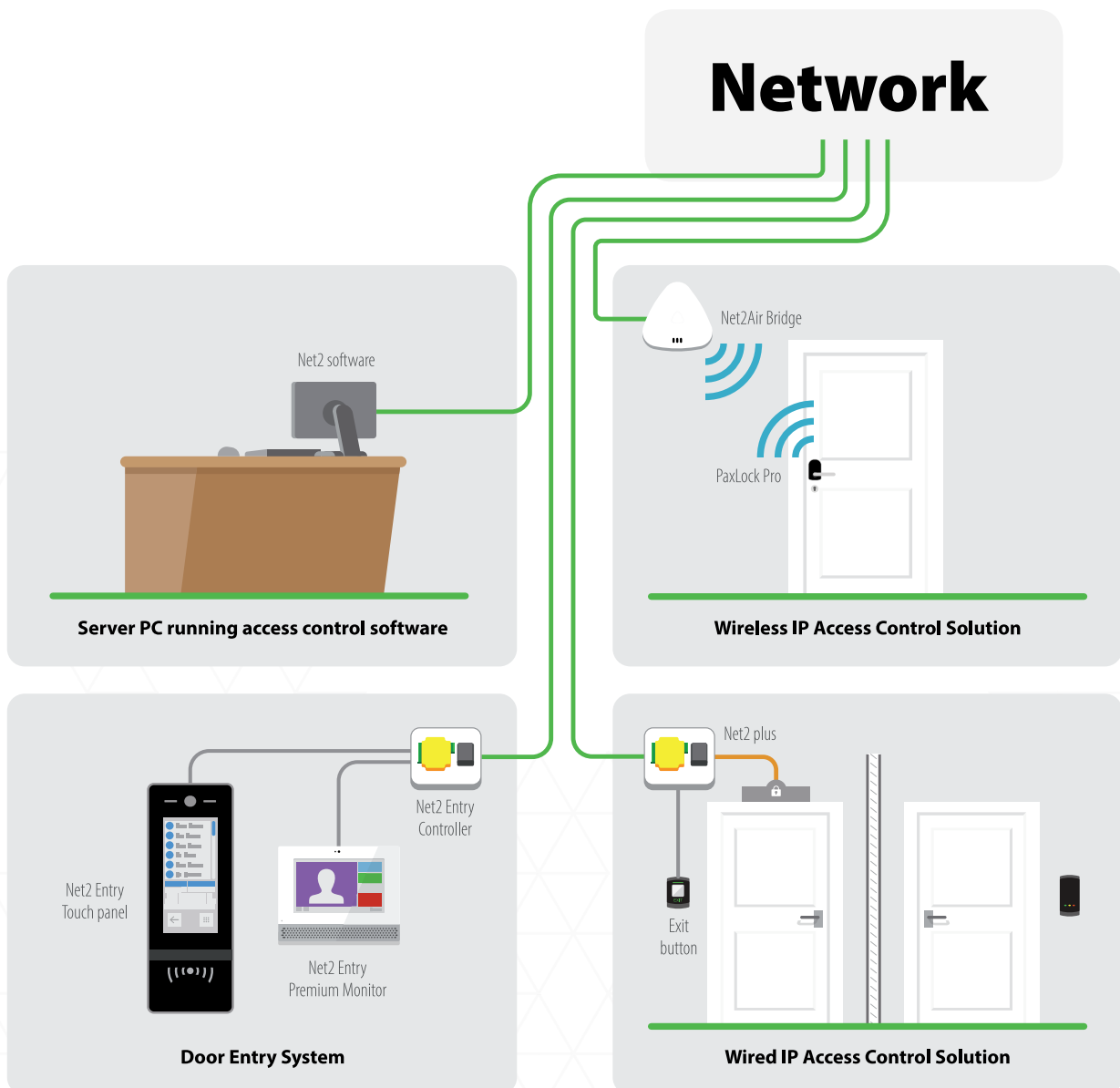
- Modular approach for simplicity and scalability
- Simple intuitive software
- Range of features that move beyond basic access control
- A complete solution that encompasses wireless and door entry

Networked Access Control

Our networked access control system, Net2, is administered using one or more PCs and can be monitored and managed from a central location. Our door controllers come as wired, wireless or battery powered.

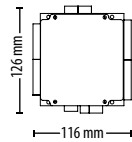
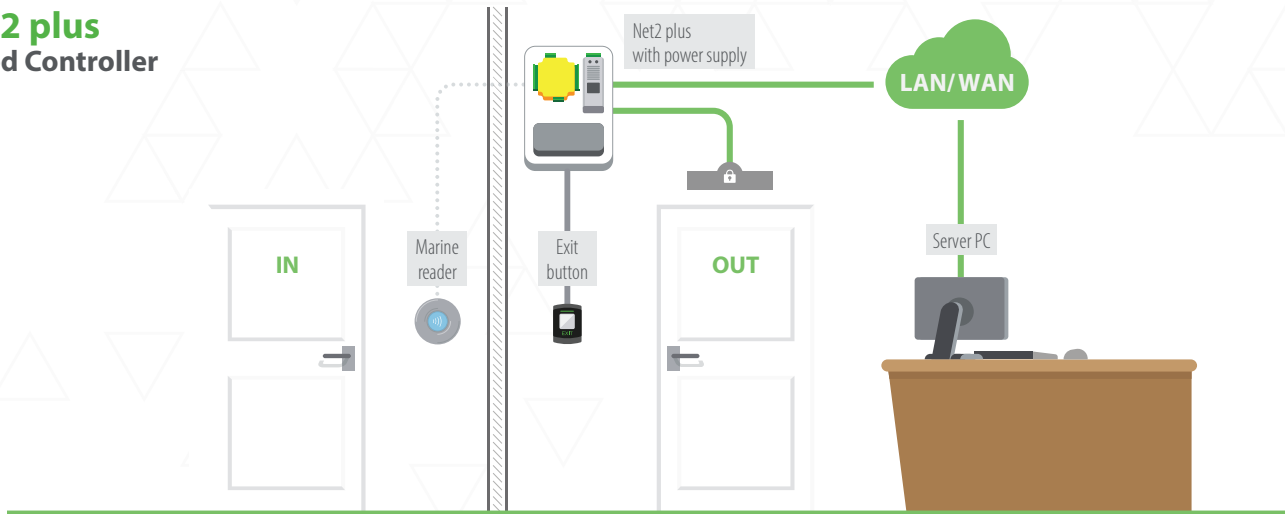
Net2 is designed with simplicity in mind and is easily scalable. Paxton's one door controller philosophy means you only quote for doors that require access. You can build your Net2 system one door at a time using wired and wireless controllers and door entry for versatile security and building management.

Example of a Net2 system:



Networked Access Control

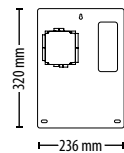
Net2 plus Wired Controller



Net2 plus 1 door controller Controller Only

LK250 / 682-493-EX

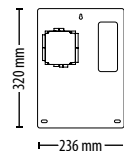
All Net2 door controllers can be used alongside each other, making it easy for installers to find the best solution for each individual site.



Net2 plus 1 door controller 12V 2A PSU, Plastic cabinet

LK250-1 / 682-531-EX

Net2 plus is Paxton's most powerful door controller, which uses TCP/IP technology to allow direct connection to the IP network, saving time with minimal wiring needed.



Net2 plus 1 door controller PoE+, Plastic cabinet

LK251 / 682-284-EX

Power over Ethernet (PoE) is a technology that allows both power and data to be streamed along the same Ethernet cable. Net2 plus with PoE as a power source makes installations quick and easy.



- Single door networkable access control unit
- Plug into a TCP/IP network using a RJ45 plug
- Features a built in TCP/IP converter
- Different control units can be mixed on a site
- FLASH memory allows easy upgrades
- Use Paxton or 3rd party readers

Networked Access Control

PaxLock Pro Wireless Controller



No separate power supply needed



No wiring necessary



Token options



Available with or without key override



AA battery operated

Available in black and white, with an anti-scratch fascia to maintain a high quality look and feel PaxLock Pro is suitable for internal and external facing doors making it applicable for more sites than ever before.

PaxLock Pro
Euro, Internal, White
LK284-16 / 900-600WT-EX

PaxLock Pro
Euro, Internal, Black
LK284-15 / 900-600BL-EX

PaxLock Pro
Euro, External, White
LK284-18 / 900-610WT-EX

PaxLock Pro
Euro, External, Black
LK284-17 / 900-610BL-EX

PaxLock Pro Wireless Controller



Net2Air Bridge

LK254-1 / 477-600-EX

The Net2Air Ethernet bridge provides the wireless communication link between the PC running the Net2 software and wireless control units.



Net2Air Bridge



Standalone or networked

IP55

External version available

IK10

Impact rated

DIN

Compatible with standard locks



5 Year guarantee



Networked Access Control

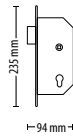
PaxLock Pro Components

These products may be used with PaxLock Pro to aid installation on a variety of doors

PaxLock

Mortice sash lock, 72mm centre

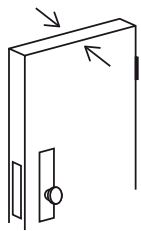
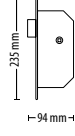
LK281-1 / 901-010-EX



PaxLock

Mortice latch

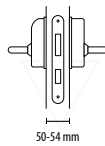
LK281-2 / 901-020-EX



Door kit

50-54mm

LK284-4 / 900-059-EX

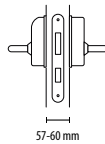


PaxLock Pro Cover Plate Kits:

Door kit

57-60mm

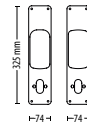
LK284-5 / 900-060-EX



Euro profile

90 - 92mm

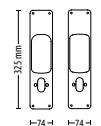
LK284-7 / 900-054-EX



Euro profile

70 - 72mm

LK284-6 / 900-053-EX



PaxLock Pro Components

Switch to Paxton



Easy to quote

- Build your Net2 access control system one door at a time.
- A range of Net2 products to suit any site requirement.
- Scalable system - add doors when the budget is available.



Easy to install

- Plug and play solutions that connect directly to the network.
- Mix and match Net2 products they are all designed to work together seamlessly.
- Clear instructions and colour coded wiring labels.



Easy to work with

- Industry leading technical support.
- 5-year swap-out warranty and 3 step returns policy.
- Free software upgrades and no multiple licence fees.

Switch to Paxton


Networked Access Control

Building Control - I/O Board

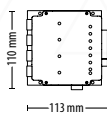
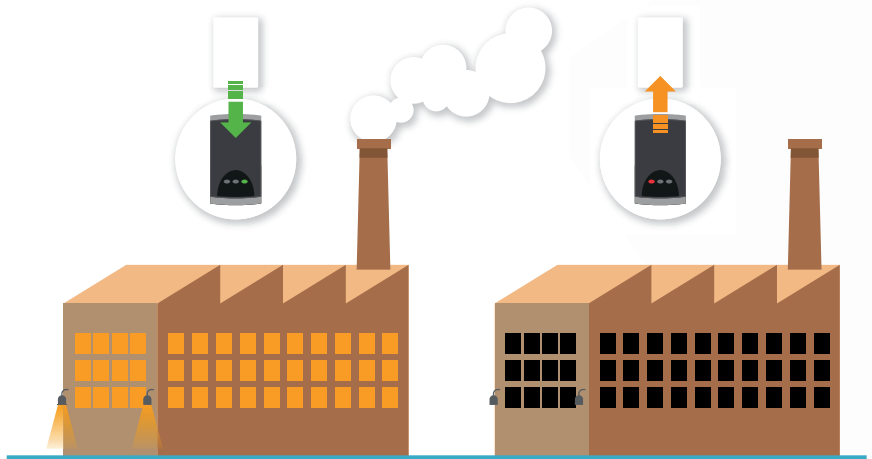
When a valid fob is presented to the reader, the I/O board can be programmed to trigger the power to lighting, heating and electrical equipment.

The Net2 I/O board is a simple, yet powerful addition to the Net2 system. It can be wired alongside a Net2 door controller, to switch power on and off to electrical equipment to save money and energy .

The Net2 I/O board can control power to lifts, lighting, heating, water and air-conditioning by using the Triggers and Actions application in the Net2 software. These actions can be programmed for a particular time or in response to a specific Net2 event.

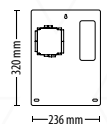
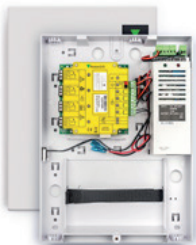


Please note, Net2 I/O boards work as part of the Net2 system. They are not door controllers.



Net2 I/O board

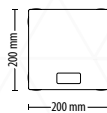
LK253 / 489-710-EX



Net2 I/O board

12V 2A PSU, Plastic cabinet

LK253-2 / 411-623-EX



Net2 I/O board

Plastic housing

LK253-1 / 385-710-EX



- Flexible inputs and outputs
- Integrate with lifts, heating, lighting & more
- Connects directly to LAN/WAN only
- 4 mains rated relay outputs per board
- 4 inputs per board
- For use with Net2 triggers and actions

Networked Access Control

Net2 Readers

These readers are for use with the Net2. Designed to fit in seamlessly in any environment, our wide range means you get the right choice for your site requirements.



Indicates readers that have functionality to read HID™ 125kHz Proximity tokens, using Genuine HID Technology™. This is enabled using Genuine HID Technology™ Proximity activation licence cards or Wiegand activation licence cards (if the reader needs to provide a Wiegand output), both sold separately.



P series

The P series range of readers is Paxton's most popular and comprises four readers ranging in size from the P38 to the P200.

A P50 fits neatly onto a door frame while the size of the P200 creates a longer token read range. All P series readers are supplied with two fascias, one black and one white.

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

We have added Genuine HID Technology to the majority of our Paxton readers, they can now read HID 125kHz Proximity tokens, when licensed with an activation card. If required these readers can still be enabled to have Wiegand output, via a separate activation card.

Proximity reader

P38

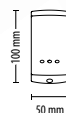
LK260 / 333-110-EX



Proximity reader

P50

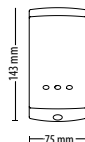
LK260-1 / 353-110-EX



Proximity reader

P75

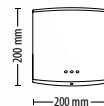
LK260-2 / 373-110-EX



Proximity reader

P200

LK260-3 / 323-110-EX



Networked Access Control

* Proximity Vandal Proof Reader

LK265 / 568-855-EX

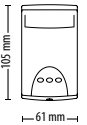
The vandal proof reader is for use with Switch2 and Net2 systems. The barrel-like construction of the reader means that it can be buried in a wall. This means that it is ideal for use in vandal prone areas where malicious damage could be a problem.



Proximity Energy Saving Reader

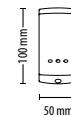
LK268 / 595-248-EX

The Energy saving reader is used to ensure that electrical equipment is only switched on when an authorised user card is inserted and retained, ideal for energy saving and safety.



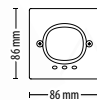
Proximity MIFARE® reader P50

LK282 / 353-467-EX



* Proximity Backbox Reader - Black

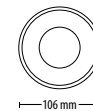
LK282-4 / 370-225BL-EX



* Proximity Marine Reader

LK262 / 500-010-EX

The Marine reader is made of marine grade stainless steel and is built to withstand the elements as well as look stylish.



* Proximity Architectural Reader

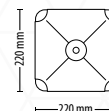
LK263-2 / 360-864GG-EX (Gunmetal Grey)



Long range reader

LK266 / 313-110-EX

The Long range reader is designed for hands free access, its read range of 5m means that the token can be detected from within a vehicle, for car parks, barriers and wheel chair user access.



Architectural Reader Insert Glass with logo

LK263-3 / 361-003-EX



Networked Access Control



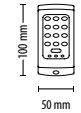
K / KP series

KP readers are a keypad and a Proximity reader all in one. This allows card plus Pin access control with a single reader.

Proximity keypad

KP50

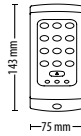
LK261-2 / 355-110-EX



Proximity keypad

KP75

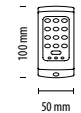
LK261 / 375-110-EX



TOUCHLOCK keypad

K50

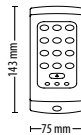
LK261-5 / 351-110-EX



TOUCHLOCK keypad

K75

LK261-6 / 371-110-EX



Net2 Proximity keyfobs

Pack of 10

LK270 / 250-111-US (EM)

LK270-1 / 695-644-EX (HITAG2)



Net2 hands free

Keyfob

LK272 / 690-222-EX



Net2 hands free

Keycard

LK273 / 690-333-EX



Genuine HID Technology™ Licence Activation Cards

125kHz ISO Proximity Card
Licence with Genuine HID
Technology™

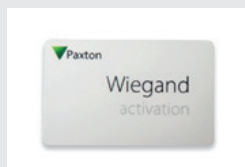
LK271-3 / 125-005-EX

x5



Wiegand Activation Card with
Genuine HID Technology™

LK271-4 / 125-201-EX



Genuine HID Technology™. 125kHz Proximity activation licence cards and Wiegand activation licence cards are for use with Net2 Readers indicated with the symbol * to activate functionality to read HID™ 125kHz Proximity or HID™ Wiegand tokens

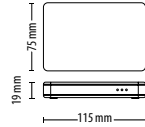


Networked Access Control

Net2 Accessories & Other Components

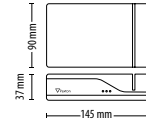
Net2 desktop reader USB

LK267 / 514-326-EX



Net2 desktop reader Proximity and magstripe

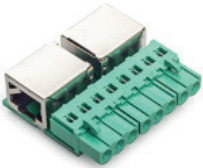
LK267-2 / 350-910-EX



Paxton reader port connector

Pack of 5

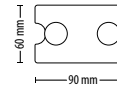
LK269-2 / 325-030-EX



Proximity hands free card holders

Suckers, pack of 5

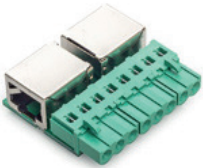
LK273-1 / 696-100-EX



Paxton exit button

Pack of 5

LK269-2 / 325-030-EX



Reader Cable Halogen Free 10 Core

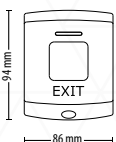
CB79 / 166-110 (100m)



Paxton exit button

E75

LK269-3 / 376-310-EX



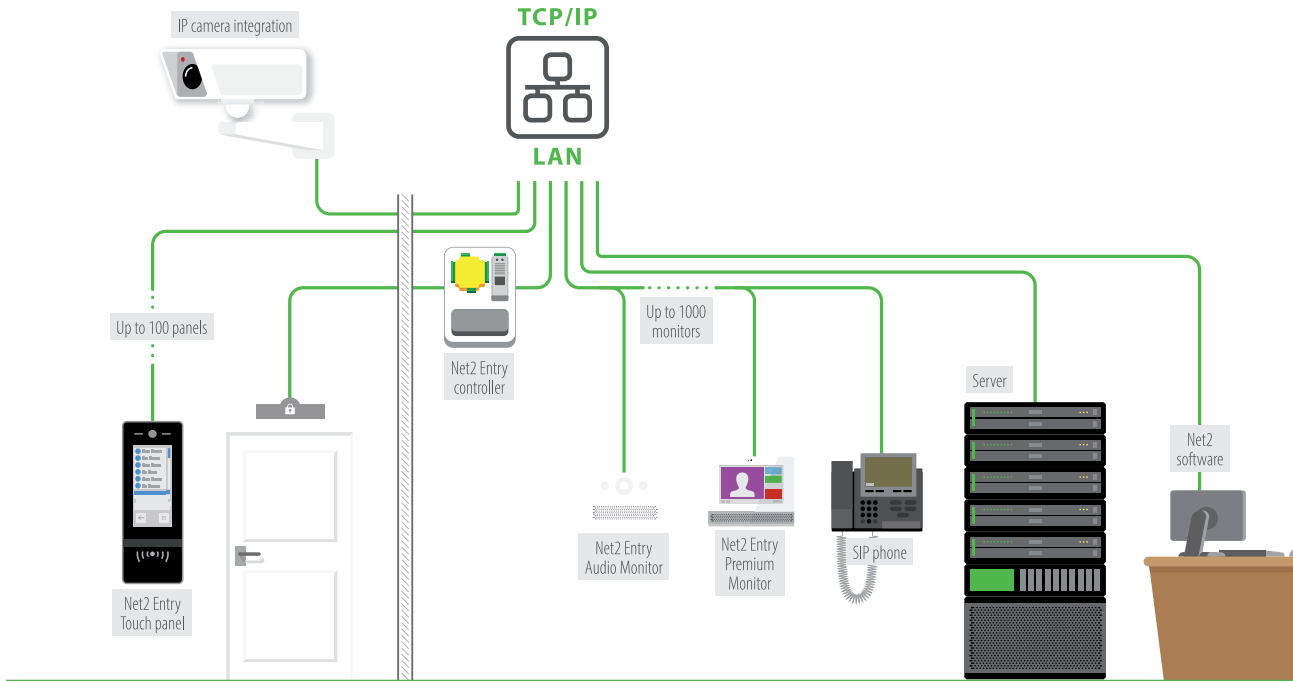
Paxton exit button

E50

LK269-1 / 356-310-EX

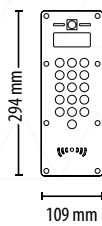


Door Entry

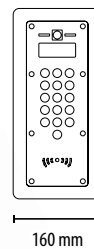


Net2 Entry - VR panel ✨

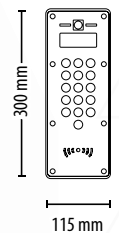
The Net2 Entry vandal resistant panel is an external panel component of the Net2 Entry door entry system. This panel option can open opportunities at sites where vandal resistant capabilities are a prerequisite. With a market leading IK10 impact rating, the VR panel is made from marine grade stainless steel to meet the most demanding environments.



Surface Mount (SM)
LK279-2 / 337-520-EX



Flush Mount (FM)
LK280-14 / 337-500-EX



SM with Rain Hood (RH)
LK279-3 / 337-510-EX



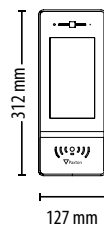
- IK10 rated for ultimate impact resistance
- Pan/tilt camera functionality to capture an angled view
- Reads EM, Paxton & MIFARE® token technology
- Built-in keypad and RFID reader
- Comes in flush, surface mount or rain hood versions
- IP & PoE technology for easy expansion

Door Entry

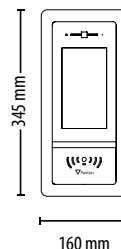
Net2 Entry - Touch panel *

The Net2 Entry touch panel is a premium external panel for use with Paxton's door entry system, Net2 Entry. Comprising a quality 7-inch colour touch screen with personalisation options, the touch panel has a line-out for use with T-Loop antenna for users with hearing aids and advanced sound processing, for high traffic areas making it suitable for even more sites than ever before.

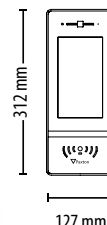
When used with the Net2 Entry Premium monitor the touch panel supports two-way video calling and the facility to leave video voicemails.



Surface Mount (SM)
LK279-6 / 337-620-EX



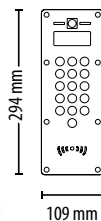
Flush Mount (FM)
LK279-8 / 337-600-EX



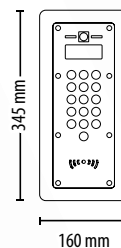
SM with Rain Hood (RH)
LK279-7 / 337-610-EX

Net2 Entry *

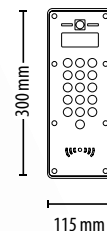
The Net2 Entry standard panel is a robust external panel for use with Paxton's door entry system, Net2 Entry. This panel comes in industry recognised anthracite grey (RAL7021), meaning it complements the windows and doors of many new builds and modern apartments.



Surface Mount (SM)
LK279-1 / 337-420-EX



Flush Mount (FM)
LK280-17 / 337-400-EX

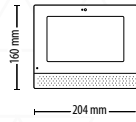


SM with Rain Hood (RH)
LK279 / 337-410-EX

Door Entry

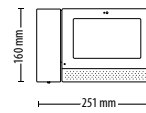
Net2 Entry Premium Monitor Surface mount

LK280-20 / 337-290-EX



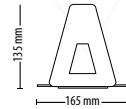
Net2 Entry Premium Monitor Surface mount with handset

LK280-21 / 337-292-EX



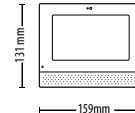
Net2 Entry Premium Monitor Desktop stand

LK280-27 / 337-294-EX



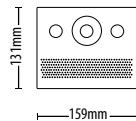
Entry Standard Monitor Surface mount

LK280-28 / 337-280-EX



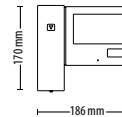
Net2 Entry Audio Monitor Surface mount

LK280-24 / 337-270-EX



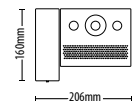
Entry Standard Monitor Surface mount

LK280-29 / 337-282-EX



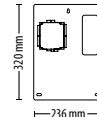
Net2 Entry Audio Monitor Surface mount with handset

LK280-25 / 337-272-EX



Net2 Entry Control unit

LK280-3 / 337-727-EX



Net2 Entry Premium Monitor

- Personalised experience with built in themes
- Enhanced call administration
- Two-way video with touch panel
- Free concierge management
- Quality capacitive glass touch screen
- Also available with a handset

Net2 Integrations

Integrations

Net2 software is designed to easily integrate with other security systems, so you can offer your customers a complete solution. By integrating with other security systems your customers can enjoy more streamlined security for their building.

BESPOKE INTEGRATIONS



The Paxton Software Development Kit (SDK) is free to download for C# developers with no NDA to sign, and is supported via a dedicated software development forum.



Intruder alarm



Save time by integrating Net2 with your intruder alarm and reduce false alarms.

Control your intruder and access systems as one, across different areas of the building.

Fire alarm



Integrate Net2 with your fire alarm and program your system to automatically open fire doors in the event of an emergency to improve safety.

CCTV



Streamline your Net2 system with CCTV for a quick, efficient way to view footage linked to specific access events or doors.

Review CCTV footage from within your Net2 system.

Roll call and muster



Set your system to generate an automatic roll call report when the fire alarm goes off.

This helps to identify exactly who is safe once the building has been evacuated.

Biometrics



Net2 integrates with leading biometric readers, allowing enrolment of biometric data within Net2.

Open up new market opportunities from high security sites by offering biometric integration with Net2 access control.

Networked Access Control

Net2 Software

Net2 Pro has all the capabilities of Net2 Lite software with advanced features like Landlord Tenant, fire alarm and multi-zone intruder alarm integration, security lockdown, anti-passback.

Feature	Net2 Pro
Multiple clients	•
Free upgrades	•
CCTV integration	•
Site graphics	•
Triggers and actions	•
Intruder alarm integration *	•
Net2 Entry compatible	•
Biometric integration	•
Timesheet & Timeline *	•
Card designer	•
Landlord Tenant	•
Roll call and muster reporting *	•
Fire alarm integration *	•
Anti-passback *	•
Security lockdown *	•
Multi-zone intruder alarm integration *	•
Custom days *	•
Areas	•
Customisable welcome page	•
Paxton Connect app **	•
Net2Online ***	•

- * Not available with wireless products.
- ** Paxton Connect app only works with Net2 Pro v6.00 or above
- *** Net2Online only works with Net2 Pro v6.01 or above



Features include:

- ▶ User admin
- ▶ Managing roll call reports
- ▶ Open door functionality
- ▶ Viewing reports and events
- ▶ Free with Net2 Pro



NEW Paxton Connect Admin

Easy access to your Net2 system wherever you are – any location, any device. Flexible site management via a browser with Net2Online and from the Paxton Connect Admin app.

Net2 | Pro

Net2 software - Pro
LK275 / 930-010-EX





Paxton Approved Integrations

ANPR

HIKVISION

Club Management

Jonas
Club Software

clubware

Time and Attendance

Thinking Software
Staff Planning Time & Attendance

Biometrics

ievo
REPLACE LOCKS THE SOLUTION

nea Metrics

VIRDI

INVIXIUM ACCESS

IDEMIA
augmented identity

PSIM

(Physical Security Information Management)

advancis

NAUTA
much more than a PSIM

ela soft

immix
by SureView systems

axxon
Experience The Next™

Key Management

traka
ASSA ABLOY

CCTV Integration

(built into Net2)

milestone

alhua
TECHNOLOGY

JVC **IDIS**

HIKVISION

exacq
From Tyco Security Products

VISTA

PELCO

by Schneider Electric

IC REALTIME
Security Solutions

Visitor Management

iDStore
IDENTITY MANAGEMENT

DigitalForge

HID

intreba

SkyVisitor

Active Directory

INTOACCESS
THE INTEGRATORS

NAUTA
much more than a PSIM

Video Management

milestone

QVIS
LABS

3S

icatcher
ip cctv security & surveillance

CATHEXIS

ACTi

Connecting Vision

NUVO
Trusted Video Management

AVIGILON
a Motorola Solutions Company

IndigoVision

MIRASYS

wavestore
Innovation with integrity

SeeTec
An OnSSI Company

Intruder Integration

RISCO
GROUP

Texecom
Designed to Perform

Roll Call & Mustering

Thinking Software
Staff Planning Time & Attendance

OEM Bespoke Products

Cortech Developments

DigitalForge

