net10

product guide

security - convenience - energy efficiency

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what is net10?

net10 delivers out of the box access control, IP video management and building automation. It interfaces with existing building infrastructure to control lighting, heating, air conditioning, intruder and fire alarms. The system comprises a web-based user interface for easy building management and a selection of discreet hardware.

what is building intelligence?

Building intelligence encompasses security, energy efficiency and building automation on a single platform.

net10 building intelligence is based on powerful technology and has been designed to be automatically field upgradeable as additional functionality is added over time.

security

- fully integrated system delivers out of the box access control, IP video management and building automation, whilst interfacing with your intruder and fire alarms
- data and battery back-up, ensuring system integrity
- powerful site graphics engine, for the visual management of a building
- secure remote access capability outside of the LAN

convenience

- simple installation and configuration
- highly intuitive user interface
- powerful and flexible building automation hardware and software
- scalable for a range of sites, with a practical modular design
- new multi-format token readers – making the administration of users easier than ever before

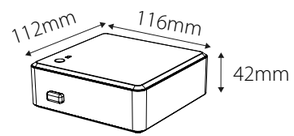
energy efficiency

- intelligently control appliances within a building, helping to manage energy usage efficiently
- net10 utilises the available PoE network for its power
- cost effective, designed to use as little energy as possible

net10 server

The net10 server offers powerful and future-proof technology in an ultra-small footprint, making it suitable for a variety of installations.

- automatic system back-up and flexible system restore in the event of drive failure
- Paxton simplicity throughout – no software install required
- cross platform compatibility (PC/Mac/Linux) via Google Chrome
- 32GB USB back-up – for added peace of mind
- no configuration required, simply browse to the weblink on the unit

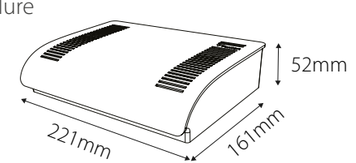


net10 controller

The net10 controller is the building block of the net10 system, distributed around a building to control appliances. 100 net10 controllers can be connected per net10 server. All net10 controllers can simultaneously record footage from two IP cameras while also controlling two doors.

- PoE powered. All three standards supported (15.4W, 25W, 55W+) - refer to application note AN0015
- IPv6 compatibility for quick and easy plug and play installation and configuration
- built-in high capacity rechargeable battery providing 43 watt hours of back-up and hybrid power to deal with spikes in load
- peer to peer communication, ensures system resilience while reducing the overall system bandwidth and latency
- supports 2 connectors and 2 cameras per controller
- 64GB MLC flash SD card included
- built-in Bluetooth Smart technology
- distributed architecture, meaning no central point of failure
- optional wall mount with IDC termination available

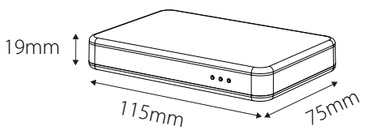
Bluetooth® SMART



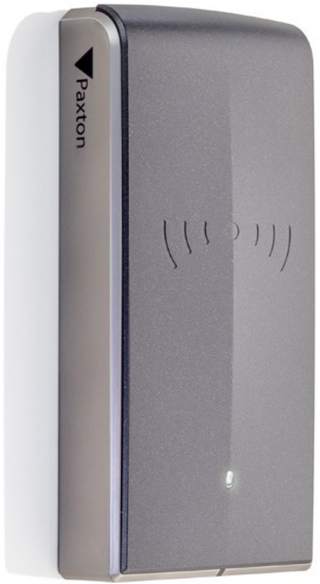
net10 desktop reader

The net10 desktop reader compliments the net10 reader by supporting all token formats with no additional configuration required.

- multi-format reading technology offering compatibility with Paxton, MIFARE®, HID™ Prox, EM, FeliCa and NFC*, minimising administration time for users
- brings Paxton simplicity to the range of token types on the market, by supporting them all concurrently
- quick and straightforward user registration
- simple USB connection



*NFC refers to NFC enabled cards and tokens and does not include the use of smartphones



net10 reader

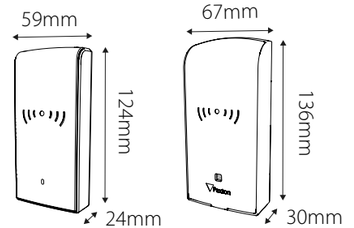
net10 VR reader

net10 readers

The net10 readers have been designed to simultaneously support a number of market leading token types. This provides a huge advantage for retrofit opportunities at sites, allowing them to use existing tokens.

The vandal resistant net10 reader is rated to IK09 and supports the same read technology as the standard reader. The vandal resistant reader facilitates installation in the most demanding and rugged environments.

- multi-format reading technology offering compatibility with Paxton, MIFARE®, HID Prox, EM, FeliCa and NFC*
- simple 3 part modular construction with separate electronic snap-in module for quick and easy first and second fix installation
- built-in Bluetooth Smart technology, allowing the use of smart devices
- crisp and clear audio with polyphonic sound
- simple 4 wire installation
- uses Belden 8723 cable
- externally rated, IP55



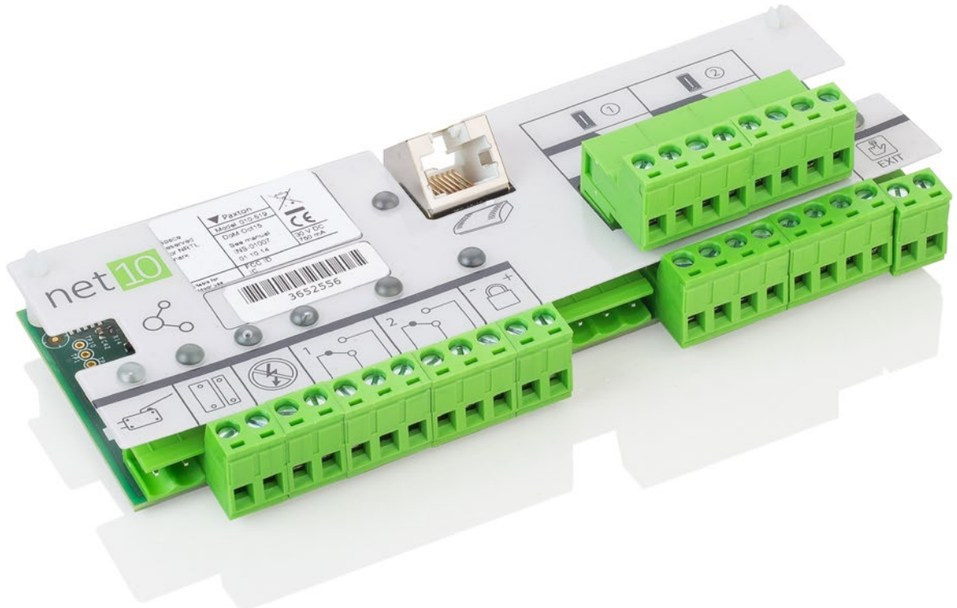
*NFC refers to NFC enabled cards and tokens and does not include the use of smartphones

net10 smartpoint

The net10 smartpoint identifies users on the net10 system using Bluetooth Smart technology. The unit is woken by touch and once a user is identified, the system can take actions such as granting access or controlling appliances specific to that user.

- for use with smart devices in conjunction with the dedicated net10 app
- battery powered, it offers a 10 year battery life
- completely wireless design for incredibly simple installation
- touch sensor for waking the device avoids false wakeups and preserves battery life
- allows for issuing of virtual credentials, for total convenience
- externally rated, IP55

Bluetooth® SMART

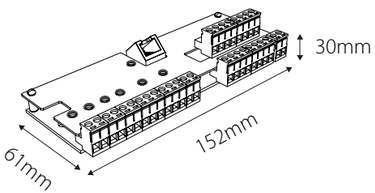


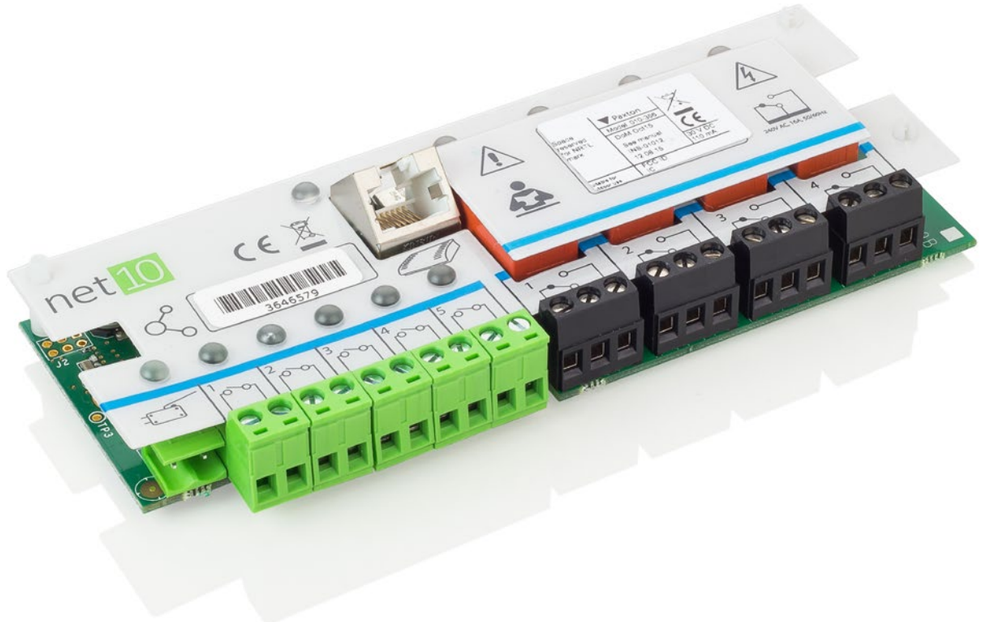
net10 door connector

The net10 connectors exhibit the simplicity that Paxton customers have grown to expect; they are clearly labelled and easy to wire, minimising installation time.

The net10 door connector provides the interface to link all devices to control a door. Its modular design makes net10 an easily scalable system.

- detachable terminals for quick and hassle free maintenance
- corresponding housing for 1 or 2 connectors and IDC termination
- each connector supports 1 door and up to 4 readers
- powered lock output and 2 4A bistable relay outputs
- optional connector housing available, allowing the hosting of 2 connectors



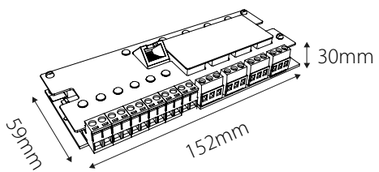


net10 I/O connector

The net10 connectors exhibit the simplicity that Paxton customers have grown to expect; they are clearly labelled and easy to wire, minimising installation time.

The net10 I/O connector controls mains devices within a building, based on pre-defined criteria. When used in combination with triggers and actions within the net10 software the I/O connector can control devices such as lighting, air conditioning and heating.

- control a building's energy consumption
- 5 digital inputs which are monitored through the software
- 4 output relays capable of switching mains powered circuits of up to 16A
- works in combination with net10 triggers and actions to give flexible control to appliances
- optional connector housing available, allowing the hosting of 2 connectors

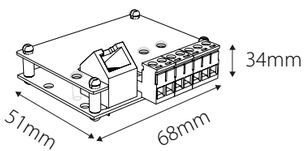


net10 alarm connector

The net10 connectors exhibit the simplicity that Paxton customers have grown to expect; they are clearly labelled and easy to wire, minimising installation time.

The net10 alarm interface is a miniature I/O connector that allows fire and intruder alarms to connect to a net10 system. Discreet, the board is small and can fit inside a net10 connector housing or within the alarm panel it is integrated with.

- secure user specific control of intruder alarms and fire alarm monitoring
- straightforward 2 inputs, single output device
- a single board can restrict access to any number of doors across a site when the intruder alarm is armed, vastly reducing cabling required
- intelligently controlled through net10 software
- optional connector housing available, allowing the hosting of 2 connectors



net10 promo kit

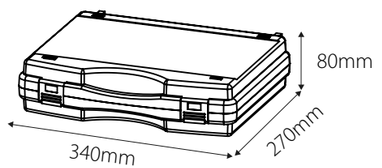
The compact promotional kit has been designed to effectively promote the net10 system, and the individual net10 products, to your potential customers. The stylishly presented, lightweight kit contains all of the hardware elements your customer would come into contact with, if net10 was installed on their building. The kit contains:

- net10 desktop reader
- net10 standard reader
- net10 VR reader
- net10 smartpoint
- 3x net10 keyfobs

The functioning items within the kit include the net10 desktop reader and net10 smartpoint, which work accompanied by a demo version of the net10 app.

net10 sales video

Designed to help you demonstrate net10 and the benefits of building intelligence to your customers, don't forget to use the net10 sales video along side your net10 promo kit - http://paxton.info/2475.



industry leading support

- net10 offers the technical support you have come to expect from Paxton, with support available 7am-7pm Monday-Friday, and 9am-1pm on Saturdays, on +44 (0)1273 811011 or support@paxton.co.uk.

free training

- book your free training by contacting us at www.net10system.com

convenient returns policy

- easy next day returns response means you don't waste any time
- a five year guarantee on all Paxton net10 products

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