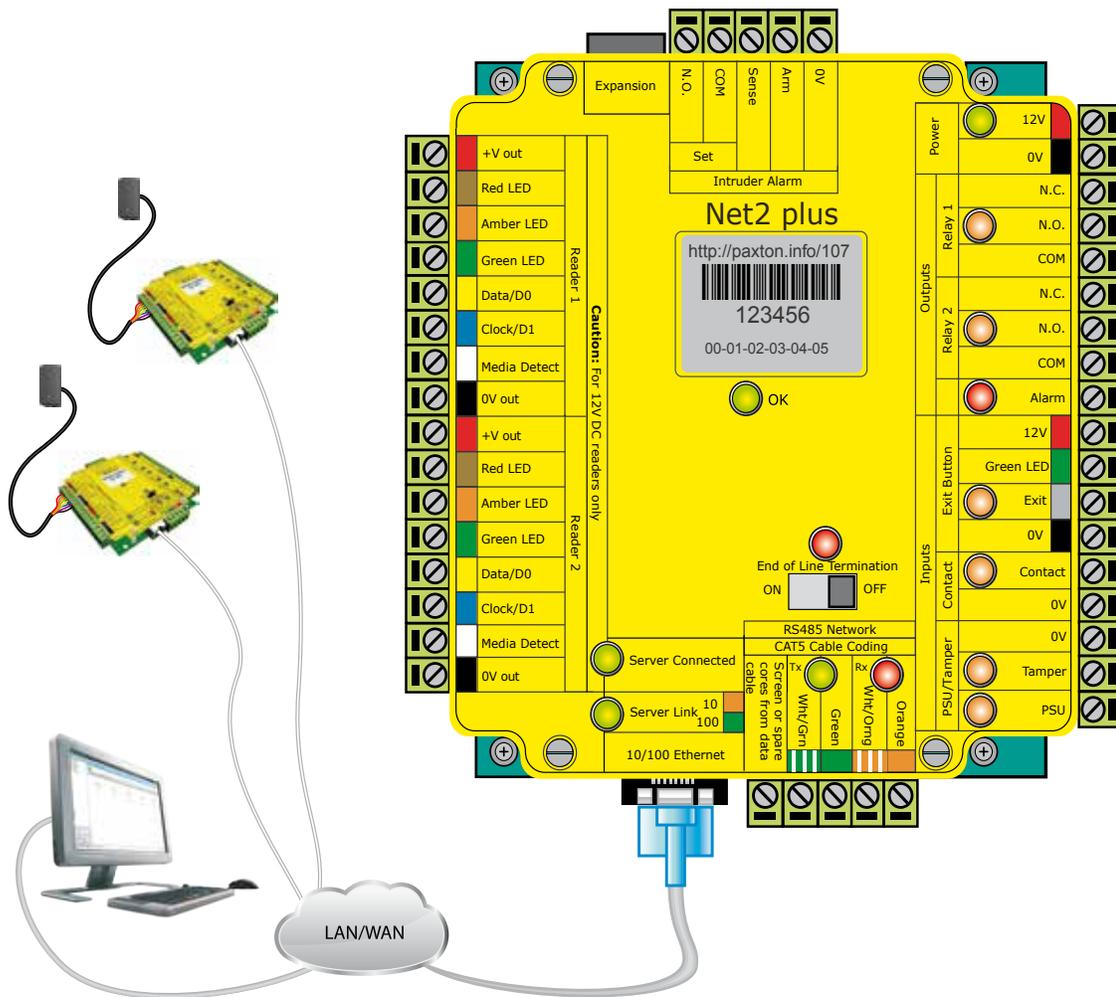


# Net2 plus



An advanced access control unit with TCP/IP connectivity



## What is it?

Net2 is a PC based security system for controlling access through doors. Net2 allows users to be given access to particular areas at certain times. Because the system is networked, all administration can be done from a central point.

Net2 plus is one of three control units for the Net2 system. It is the most advanced control unit, employing the latest technology and offering huge potential for future expansion. As security technology develops, Net2 plus can take full advantage. Using Net2 plus ensures that the investment in access control is safe no matter how the system requirements change.

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

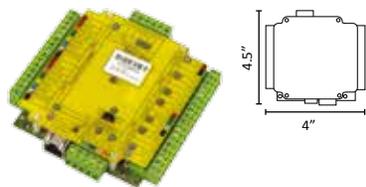
As with all Net2 control units, Net2 plus is designed to work seamlessly in the event of communications failure. It will continue to permit or deny access to users as appropriate. Once communications are re-established the activity is reported back to the PC.

## Specifications

Features	
Total users	50,000
Total doors	Max 500 doors Max 200 per RS485 data line Max 100 TCP/IP connections
Doors per Access Control Unit (ACU)	1
Number of tokens	50,000
Number of PIN's	50,000
PIN length	4 - 8
Number of codes	50
Code length	4 - 8
Number of time zones	64
Number of time slots	2,000
Number of access levels	250
Stored events per ACU	2,728
Data retention during a total power loss	28 days
Clock and data	Yes
Custom Wiegand	Yes
Door open time	Min 1 sec - Max 999,999 sec
Reader ports per ACU	2
Readers/Keypads per ACU	4 - check current draw on individual readers
Combined reader port output current	500 mA
Software required	Net2 v4.14 and above
Documentation	
More information	<a href="http://paxton.info/1303">http://paxton.info/1303</a>
Installation instructions	<a href="http://paxton.info/1468">http://paxton.info/1468</a>
Specifications	<a href="http://paxton.info/1529">http://paxton.info/1529</a>

Communication	
RS485	200 ACU's per data line
TCP/IP Ethernet	ACU has an on-board TCP/IP to RS485 converter
TCP/IP nodes	Max 200
Data lines per PC	Max 100
Ethernet network speed	10 Mbit/s - 100 Mbit/s auto MDIX
Ethernet bandwidth requirement	200 kbit/s
DHCP support (fixed IP recommended)	Yes
RS485 network speed	115.2 kbit/s
Hardware	
Supply voltage	Min 11V DC - Max 15V DC
Supply current	200 mA
Relay switchable voltage	24V DC
Relay switchable current	4 A
Alarm output current	1 A
Operating temperature - battery limits	Min 32°F - Max +131°F
Reader cable type	Belden 9540
Data cable type	CAT5 or Belden 8723
Other hardware features	
Volt free control relay	Input for door contact
Input for tamper	Alarm output
Input for exit button	Dedicated intruder alarm integration port
Input for PSU fail	Integrated termination resistors
Approvals	
Approvals	ETL Listed to UL 294, FCC, CE

### Net2 plus 1 door access control unit



**Sales code** 682-493-US  
**More information** <http://paxton.info/1303>

### Net2 plus with 2A PSU in plastic cabinet



**Sales code** 682-531-US  
**More information** <http://paxton.info/1303>

### Net2 plus with 2A PSU in metal cabinet



**Sales code** 682-813-US  
**More information** <http://paxton.info/1303>

All information correct at the point of publication, but may be subject to change without notice.