Ins-30044 Demonstration Case - TCP/IP

▼Paxton

Technical Support

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Technical help is available: Monday - Friday from 07:00 - 19:00 (GMT)
                                 Saturday from 09:00 - 13:00 (GMT)

Documentation on all Paxton products can be found on our website - http://www.paxton.co.uk/

Quickstart guide

The demonstration case contains the hardware required to show all the functions of an operating Net2 system.

Reader 1 is a KP unit that can be used to demonstrate proximity and keypad functions or a combination of both (e.g. Card + PIN).
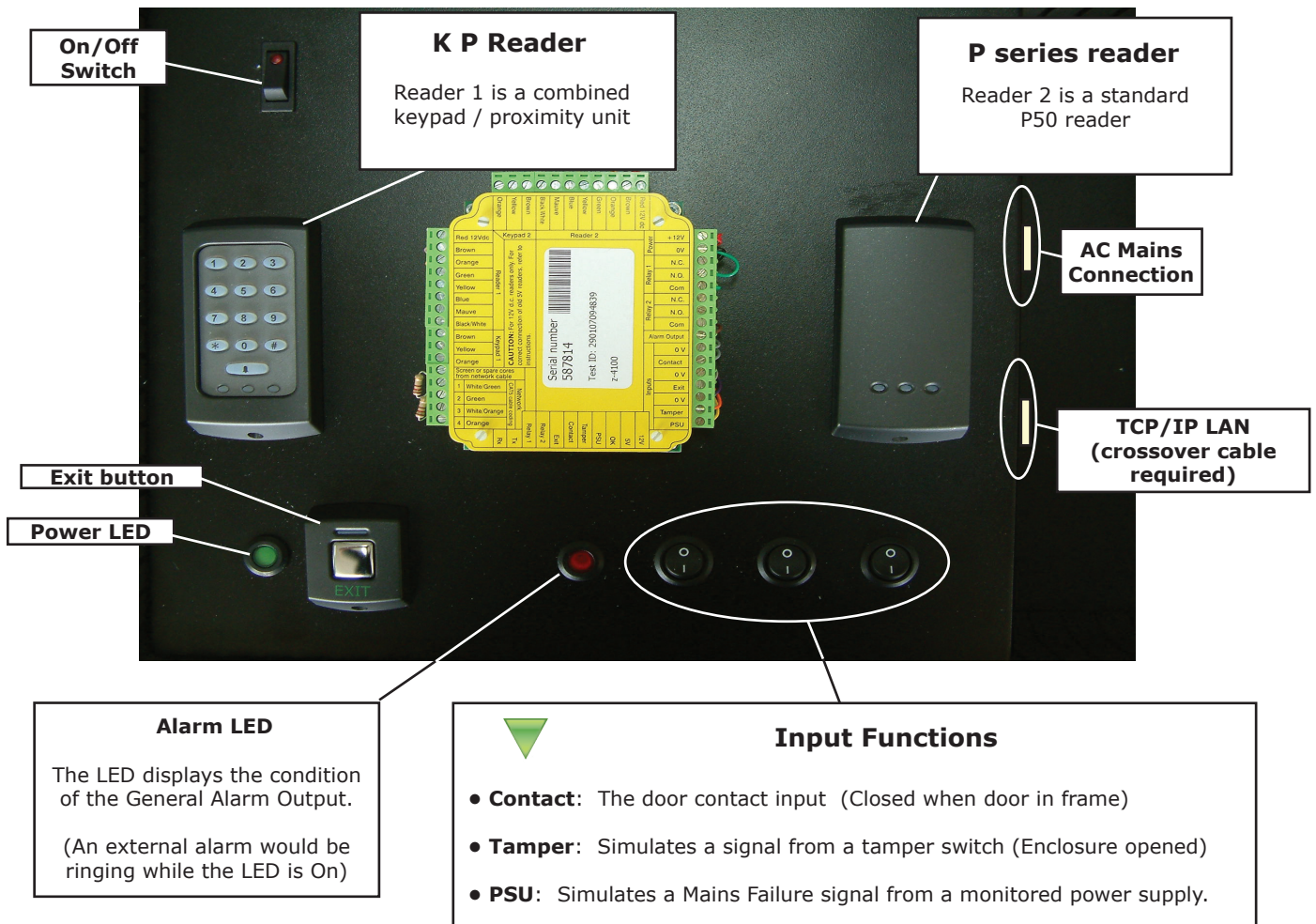
Plug the mains cable into the connection as shown on the diagram. Power on the unit by means of the switch and the power LED should illuminate. The ACU should display 5V, 12V and a flashing OK LED.

Connect your PC to the LAN port via a crossover cable (supplied) and then set up the ethernet connection as per the instructions on page 2.

Documentation

A full range of application notes and tutorials are available to guide you through the set-up and operation of the Net2 system. - Just click on the Documentation icon on the Net2 welcome screen for the complete list.

Layout

On/Off Switch

K P Reader

Reader 1 is a combined keypad / proximity unit

P series reader

Reader 2 is a standard P50 reader

AC Mains Connection

TCP/IP LAN (crossover cable required)

Exit button

Power LED

Alarm LED

The LED displays the condition of the General Alarm Output.

(An external alarm would be ringing while the LED is On)

▼ **Input Functions**

● **Contact**: The door contact input (Closed when door in frame)

● **Tamper**: Simulates a signal from a tamper switch (Enclosure opened)

● **PSU**: Simulates a Mains Failure signal from a monitored power supply.

Connecting to a TCP/IP interface

Install the Net2 software on the PC. Connect the unit to the PC via a Network cable.

Run the Net2 Server Configuration Utility (Start/Programs/Net2) and select TCP/IP nodes.
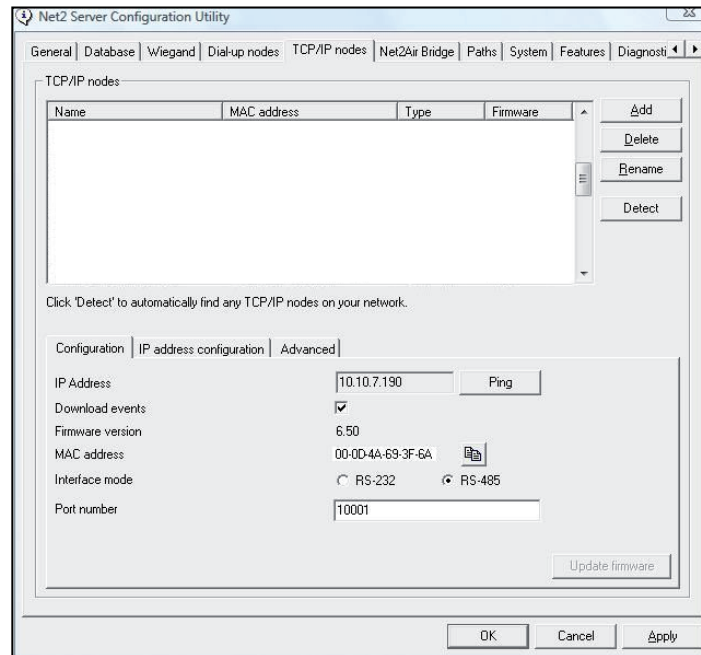

Click on "Detect" the MAC address of the Ethernet interface will appear in the table. You should then go to the "IP address configuration" tab and assign the IP address.

You can set up a new IP for the interface but if this is not in the same range as the PC, the device will no longer respond until you connect to the device with a PC that is in the same IP range.

Some firewall/virus software or other wireless hardware can block the IP detection process. Disable these and try to detect the interface again. Please contact Technical Support if you require further advice.

*The MAC address can be found on a label in the case and starts 00-xx-xx-xx
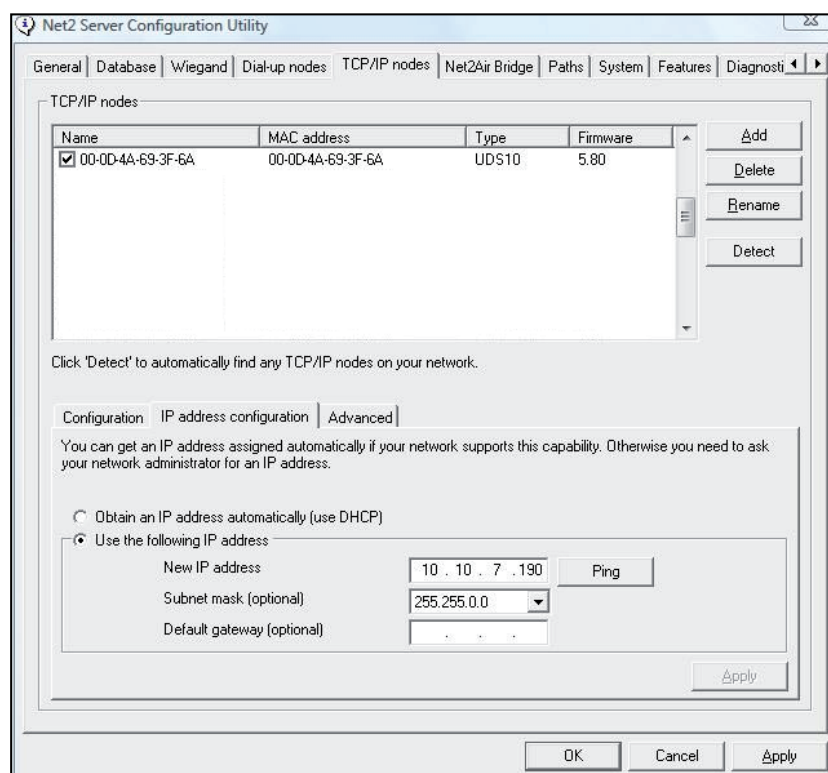
Software configuration

• Run the Net2 software.

• Check that the ACU has been detected by looking in the Doors screen. The firmware in the ACU's will be automatically updated to the same revision as the PC. Do not make any changes to the software during this phase.

• Once this has finished, each ACU must be configured (as below)

Door name: Name the ACU.
Door open time: Set the door open time.
Unlock the Door during: Permanently unlocks the door while this timezone is active. - Should be set to 'At No Time' for normal user operation.

Reader 1: Settings for Reader 1 and Keypad 1 on the ACU.
Reader 2: Settings for Reader 2 and Keypad 2 on the ACU.
Alarm: Contains settings for the different types of alarm.
Codes: Valid codes can be viewed, added and removed. (Can only be viewed when a keypad is active).
Events: Shows the events for the control unit selected.

Name: Each reader can be named individually if required.
Reader type: Set the reader type, if applicable.
Keypad type: Set the keypad type, if applicable.
Token data format: Select the data type being used on the system. (New formats can be created).

Reader operating mode: Set the operating mode.
Timed operating modes: A different operating mode can be configured within a time window.

Reader action: Set the action required when access is granted.

Specifications

Software	
Number of Cards	10,000
Number of PIN's	10,000
Access Levels	250
Time Zones	64
Individual time periods per zone	2,000
Maximum door open time	5,000 secs
Number of Codes	50
Hardware	
Doors per ACU	1
Reader ports per ACU	2
Readers per port	2
Keypads per port	2
ACU per data line	200
Data lines per PC	50
Data retention after total power loss	9 hours
Events stored in ACU with no server connection	2,454
PC Installation	
Minimum Requirements	http://paxton.info/720

CE0168   **Statement of Conformity**

Paxton Access Ltd hereby declares that this product is in conformity with all the essential requirements of Directive 1999/5/EC. This equipment is intended for use in all EU and EFTA countries and all other countries worldwide.

The declaration of conformity is available on request. Contact details are provided at: http://paxton.info/596