P3.net
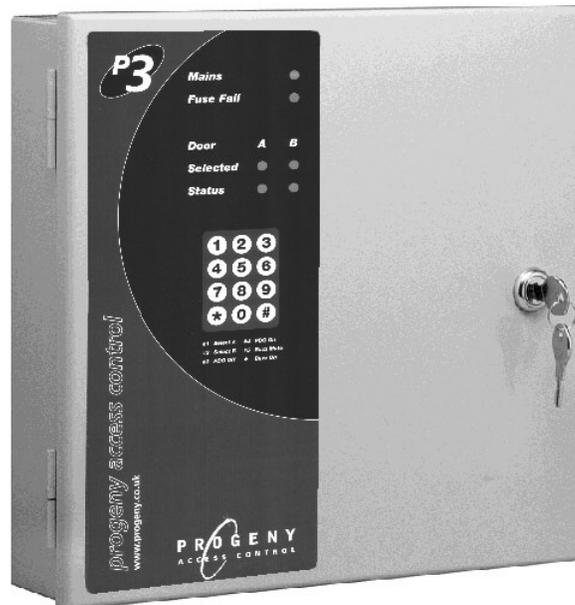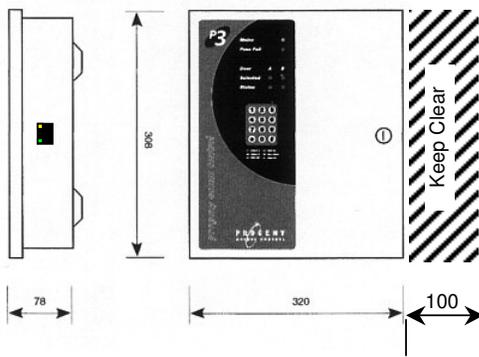

- **P3.net is an IP addressable Access Controller. Integrated Ethernet electronics means no need for costly LAN adapters or additional boxes.**

- **Connect access control system using existing onsite LAN / WAN at a fraction of the normal cost.**

- **Greatly simplified IP setup using existing programming keyboard on front panel.**

- **Industry standard RJ-45 Connection to 10/100 Base T Ethernet (auto sensing).**

- **Save time and money on network cabling.**

Come see us at IFSEC : the N.E.C. Birmingham. We are launching our new P3. net door controller, the first access controller with integrated LAN interface. Cost effective and simple to install, P3 dot net is the future of I P based access control.

You will find us next to the network Knowledge Zone on stand T09 .The show runs from the 19th to the 22nd of May.

PROGENY
ACCESS CONTROL

P3.net

Keep Clear

IP Connectivity

The great promise of IP connectivity has been low cost data communication for many systems on the same network infrastructure. The wide spread use of TCP/IP using standard connection methods all be it at two speed 10 and 100 Mbps have made it tempting to connect access control and other equipment. Two barriers to realising this promise have been cost of interfacing the equipment and complexity of setup.

Low cost

P3.net breaks the first of these barriers by including the Ethernet electronics at board level to replace the RS 232 connection normally used to connect to the PC. This brings major cost savings allowing the deployment of IP connected access controllers at a fraction of the normal cost.

It doesn't end there, by using a "cross over" Cat 5 Cable the P3.net controller offers a cost effective way of connecting a PC to an access controller up-to 100 metres away.

Simple

Programming of "IP Address", "Gateway Address" and "Net Mask" is simply done in same way as setting the "Lock Release Time", from the keyboard on the front panel. The dual speed 10 / 100 Base T port is auto sensing, allowing the P3.net controller to be connected to almost any standard HUB or SWITCH.

The managed UDP/IP protocol gives extremely low network traffic overhead that will be music to the ears of IT managers everywhere.

Fully Distributed Intelligence

The P3 access controller is designed to have the flexibility to be programmed both stand alone and from a PC. The front panel keypad gives access to all the user and engineering menu functions. This means the controller can be installed and operational even before the network and PC are available. In addition, there is no dependence on any central hardware for operation. If the network cable is cut or the controlling PC is not available all the controllers will continue to function.

Scaleable

A P3 system will efficiently and cost effectively service the smallest single door application. The system architecture allows this be expanded without any major overhead in equipment. This means that P3 will not only suit large and small systems but also allow small system to grow with your needs.

Massive 2000 Event Log Memory

Each controller has its own real time clock and event log memory to allow for the system to continue operation even when isolated from the PC or the remainder of the network. Thus the data storage grows with the size of the system.

Multi Site Code

The card pack feature of P3 means that you are no longer limited to a single site code. Card packs can have 1 to 10,000 cards allowing mixed site codes to be used on the same site.

Flexi Cards

Managers who need to work at multiple sites no longer have to carry an access control card for each site. A flexi card is registered at all sites and can be given appropriate access levels for each.:
John Smith: Manchester:IT, Glasgow:Staff, London:Visitor

Time Zones

255 time zone windows can be applied to Doors or Access Levels. Doors can be given periods of "Free Vend" or be switched from "Card Only" to "Card and PIN" based on the time of day and day of week.

Standard Features

12/24V Charger power supply, Door monitoring, Interlocking

SPECIFICATION

ETHERNET

Speed	10Base-T or 100 Base-T (Auto-Sensing)
Connector	RJ-45
Cable (90metres max)	Category 5 Twisted Pair Copper
Protocols	TCP/IP, UDP/IP, ARP, HTTP, DHCP and AutoIP
Management panel	Via programming keyboard on front

NETWORK

RS 485 (2 wire)	Half Duplex
Cables	BELDEN 8133, or 8132 1000m max

CONTROLLER PARAMETERS

Event Memory	2000 time date stamped
Time Zones	64
Time elements	255
Calendars	8

CARD CHANNEL

Cards with host site code	Up to 10,000
Custom Card Formats	35 as standard + user defined
Reader Technologies	Proximity, Wiegand, Barcode, Magstripe, Biometric.
Two Reader Inputs	"Card in" – "Card Out" or Dual Height
Reader supplies	12V @ 500 mA current limited
	5V @ 100 mA current limited
Cables	6 core screened 100m

RELAY OUTPUTS

Lock Output Relay	12 or 24V DC Applied & Removed
Relay B contact ratings	3.0 Amps at 30V DC
Relay B Modes	9 slave functions
Lock Timer	1 to 99 seconds
	0 = Toggle mode
Anti Tailgate Feature	As Standard

INPUTS

Request to exit input	Normally open contact
Door monitor input	Contact closed when door closed
Auxiliary	Fire, Intruder, Tamper

ALARMS

PDO, Door Forced, Hacker, Duress

POWER SUPPLY

Supply Voltage In	230 V AC
Supply Power	60 VA
Battery Charger	Sealed Lead acid 12V or 24V 7Ahr
Lock Outputs	12V / 24V