P3.net

PROGENY
ACCESS CONTROL

- **P3.net is an ip addressable 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 RJ45 connection to 10/100 Base T ethernet (auto sensing)**

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

- **Can be used with standard P3 controllers**

Plugs directly into your existing computer network

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P3.net

IP CONNECTIVITY

Facilities Managers with budget constraint are being forced to find ways to 'do more with less'. Any system that can make use of the existing IP infrastructure offers cost savings, and reduced disruption during installation. With the wide spread use of UDP/TCP/IP using standard connection methods have made it possible to connect access control and other equipment.

LOW COST

P3.net includes 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' 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 keyboard 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 to 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.

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 card for each site. A flexi card is registered at all sites and can be given appropriate access levels for each.
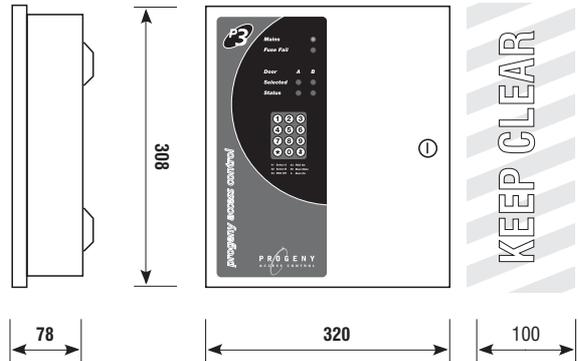
FREE CHOICE OF READER TECHNOLOGY

You are free to choose the card and reader type: 'Mag Stripe', 'Bar Code', 'Proximity', and 'Biomatric'. P3 will interface to 35 standard reader technologies plus the ability to define custom formats through the advanced engineers menu. Each controller has two reader inputs and independently programmable so mixed technologies and format can be used.

TIME ZONES

255 time zone windows can be given periods of 'free vend' or be switched from 'card only' to 'card and pin' based on time of day and week.

STANDARD FEATURES

12/24v Charger power supply. Door monitoring, Interlocking.

308

78   320   100

KEEP CLEAR

SPECIFICATION

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

NETWORK
RS 485 (2 wire)	Half Duplex
Cables	BELDEN B132 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

CODE CHANNEL
Access Codes	100 (slots DD to 99)
PIN	4 Digit
Access Code Length	2 to 6 digits
Virtual Cards	up to 10.000 (4 to 8 digits)
Penalty Timer	0 to 99 seconds
Code Timer	1 to 99 seconds
	0 – Toggle mode
Cables	10 core screened 100m

RELAY OUTPUTS
Lock output relay	12 or 24v DC Applied & Removed
Relay B contact ratings	3.0 Amps at 30v DC
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
	PDD, Door Forced, Hacker, Duress

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

PRODUCT CODES	
DESCRIPTION	CODE
Single Door P3.net Controller	3002
Two Door P3.net Controller	3002D

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