

P3 SYSTEM



ONLINE ACCESS CONTROL

- Fully distributed intelligence
- Scalable from 1 to 65,000 doors
- Also available with Ethernet, Modem and GPRS connection



P3

FULLY DISTRIBUTED INTELLIGENCE

The P3 access controller is designed with 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 out 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 for expansion without any major overhead in equipment. This means that P3 will not only suit large and small systems but also allow small systems to grow according to your needs.

NEW LEVELS OF CONNECTIVITY

To extend the reach of the P3 system three methods of connectivity are provided:

- Direct (RS 232): Using the P3 connector kit a PC can be connected to any of the controllers on a network.
- LAN/WAN: This makes use of the customers existing data network. The Lan adaptor connects into a standard RJ45, 10 Base T network point and uses TCP/IP to communicate with the server PC.
- Modem: For those more remote locations where LAN is not available modems can be fitted. Scheduled connections and dial on demand minimizes the connection costs.
- GPRS add mobile and difficult to reach applications.

The connector feature of the Doors software means that any or all of these methods can be used together to suit different parts of the system. The network between controllers requires a simple 2 wire RS 485 data cable

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

FREE CHOICE OF READER TECHNOLOGY

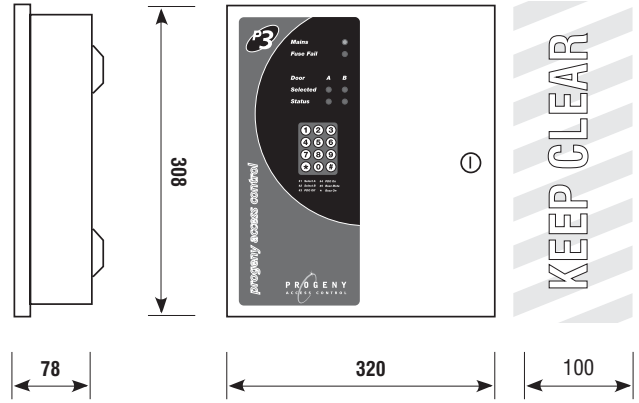
You are free to choose the card an reader type: "Mag Stripe", "Bar Code", "Proximity", and "Biometric". P3 will interface to 35 standard reader technologies plus the ability to define custom formats through the advanced engineers menu. Each controller has two reader inputs that are independently programmable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

TIME ZONES

255 time zone windows can be applied to Doors and 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

CONTROLLER PARAMETERS

Event Memory	2000 date stamped
Time Zones	64
Time Elements	255
Calenders	8

CARD CHANNEL

Cards	Up to 10,000
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 6 core screened (100m max)
Cables	

CODE CHANNEL

Access codes	100 (Slots 00 to 99)
PIN	4 Digit
Access Code length	2 to 6 digits
Virtual Cards	up to 10,000 (1 to 8 digits)
Penalty Timer	0 to 99 seconds
Code Time	1 to 99 seconds
	0 = Toggle mode
Anti Tallgate Feature	Optional

NETWORK

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

INPUTS

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

ALARMS

PDO, 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 Controller	3001
Two Door P3 Controller	3001D
PC Interface Kit	3103

