

ACCESS CONTROL

P4 Controllers

- IP addressable with Integrated Ethernet electronics
- 32,000 Credential Users
- 8000 Event log storage
- 200 year data retention
- Uses existing onsite LAN or WAN
- Greatly simplified IP setup using built in programming keyboard
- Industry standard RJ45 connection to 10/100 Base T Ethernet
- Save time and money on network cabling
- 5A charger power supply
- Built in service light
- Compatible with legacy P3 controllers



P4 & P4.net Controller

IP CONNECTIVITY

Any system that can make use of the existing IP infrastructure offers cost savings and reduced disruption during installation. With the widespread use of Ethernet for LANs & WANs using the standard connection, methods have made it possible to connect access control and other equipment.

SOLID STATE LOCK DRIVE

The new controllers have an additional switch that allows for some new lock driving modes that reduce relay contact wear and increase reliability.

FULLY DISTRIBUTED INTELLIGENCE

The P4 Controller is designed to have the flexibility to be programmed both offline and online from a PC. The built-in 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.

SCALABLE

A P4 system will efficiently and cost-effectively services the smallest single door application. The system architecture allows this to be expanded without any major overhead in equipment. This means that P4 will not only suit large and small systems but also allow a small system to grow with your needs.

FLEXI CARDS

No need for site codes. Card packs and site codes can still be used to manage cards effectively but the hardware is flexible and fast enough not to need them.

WIDE RANGE OF READER TECHNOLOGY

You are free to choose the card and reader type: 'Mag Stripe', 'Bar Code', 'Proximity', and 'Biometric'. P4 controller will interface to most standard reader technologies plus the ability to define custom formats through the advanced engineer's menu & Doors Enterprise software. 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' to a door or restrict access to an access level based on time of day and week.

STANDARD FEATURES

5A 12V Charger power supply. Door monitoring, interlocking.

Specification

ETHERNET

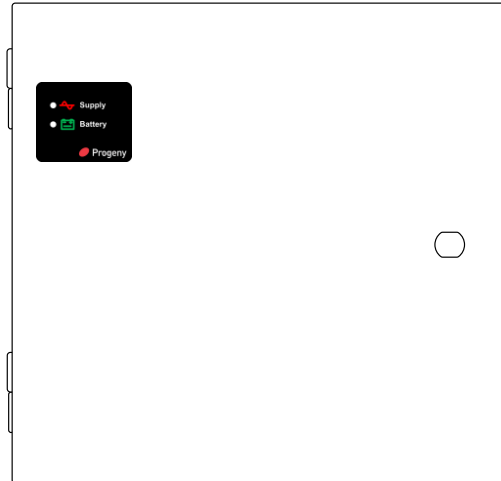
Speed	10 or 100 Base-T (auto sensing)
Cable	CAT5 twisted pair (90m max)
Protocols:	UDP/IP, TCP/IP SNMP

P4 NETWORK

RS 485	2 Wire (Half Duplex)
Cables	Screened Twisted Pair (1000m max)

MEMORY

Data retention	200 Years
Event Memory	8000 Time stamped
Time Zones	250
Time Elements	250
Calendars	100
Access Levels	250 per site
Credentials	Up to 32,000



Reader Technologies	Any, Wiegand, Clock & Data or Crystal 4-wire
Two Reader Inputs	'Card in' – 'Card Out'
Reader supplies	12v @ 500 mA
Cables	6 core screened (100m)
CODE CHANNEL	
Access Code	2 to 6 digits
Virtual Cards	up to 32,000 (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	12VDC Applied & Removed
Relay B contact ratings	3.0 Amps at 30v DC
Lock Timer	1 to 99 seconds 0 = Toggle
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	
PSU & ENCLOSURE	
Supply Voltage	230 VAC
Frequency Range	50 or 60Hz
AC Current @ 115VAC	2.0A
AC Current @ 230VAC	1.2A
Mains Fuse	2A AS
Temperature range	0 to 40 °C
Humidity	20 to 90% non-condensing
Efficiency	82% (Typical)
Dimensions:	320 x 308 x 78 mm

Product Codes

Description	Code
P4.net One Door 5A PSU	4002-5A
P4.net Two Door 5A PSU	4002D-5A
P4 One Door 5A PSU	4001-5A
P4 Two Door 5A PSU	4001D-5A
P4 PoE Controller 1A	4003
P4 PoE Controller 1.7A	4003-17