

P2 SYSTEM

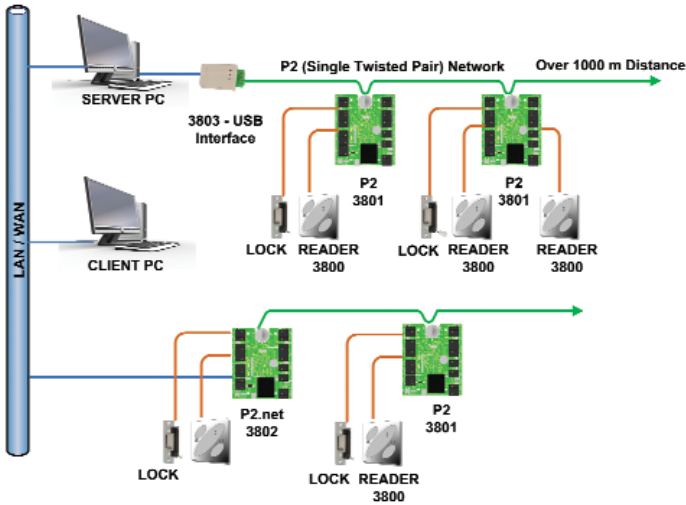


ACCESS CONTROL SYSTEM

- **ONLINE ACCESS CONTROL SYSTEM**
with free, easy to use software
(updates available from website)
- **WINDOWS VISTA, XP (PRO) OR SERVER 2003**
- **USB OR IP ADDRESSABLE INTERFACE TO PC**
- **SPECIFICALLY DESIGNED**
for systems upto 16 doors
- **COST EFFECTIVE**
- **SIMPLE:**
 - To Specify
 - To Install
 - To Use
- **SMALL UNOBTRUSIVE CONTROLLER**
with two reader interfaces
- **INTERNAL OR EXTERNAL OPERATION**
- **READER MOUNTS ON STANDARD UK
SINGLE GANG BACK BOX**
- **SQL SERVER DATABASE WITH SCHEDULED
AUTOMATIC BACKUP AND ARCHIVING**
- **FLEXIBLE REPORTING**
- **RoHS COMPLIANT**
- **LOW POWER, ENVIRONMENTALLY
FRIENDLY DESIGN**
- **PROGENY RELIABILITY**



P2 SYSTEM DIAGRAM



CONNECTIVITY

USB

A P2 3803 USB interface simply plugs into the server PCs USB interface and allows up to 16 doors to be connected. The P2 network uses a single twisted pair to connect controllers up to 1000 metres away.

IP

The P2.net Controller has an Ethernet interface and can be assigned an IP address so that the server PC can communicate directly over the LAN/WAN. This means that doors in remote locations can be incorporated into the system. Once connected, further door controllers can be connected using the P2 network.

Programming of 'IP Parameters', is done from the keyboard on the P2.net front panel. The dual speed 10/100 Base T port is auto sensing, allowing connection to almost any standard HUB or SWITCH. The UDP/IP protocol gives extremely low network traffic and will hardly be noticed on the LAN.

FULLY DISTRIBUTED INTELLIGENCE

The P2 access controller is not dependant 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.

SIMPLE

The system has been specifically designed to be easy to:

- SPECIFY

Connectivity has been simplified to just two options (USB and IP). The P2 network then uses a single twisted pair to connect controllers up to 1000 metres away. One controller per door with the option of card in /card out makes listing the equipment needed child's play.

- INSTALL

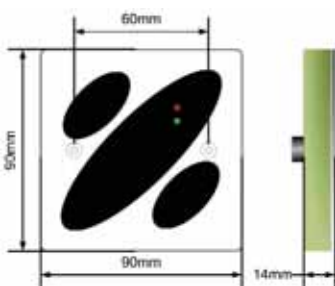
Any competent installation engineer will be able to install this equipment without any special training. The wiring has been greatly simplified reducing the number of both cores and cables. The reader also mounts on a standard UK single gang back box, making first fix possible.

- USE

The software has been carefully designed to be easy to use. A setup wizard will help you scan for any connected door controllers and then take you through registering the cards/fobs. The card/fobs can be entered manually or simply presented to a reader. The wizard will then do all the rest of the work to get the cards/fobs working. Standard windows interface techniques have been used so that users will be able to start using the software with very little guidance.

UPGRADE PATH

If the system does need to grow beyond the 16 door limit a simple upgrade path is provided to P3. There is no redundancy of existing equipment or cards. Simply start adding the P3 controllers and switch to the Doors Enterprise Software.



SPECIFICATION

Doors	16 Max
PC Interface	USB or TCP/IP (Ethernet)

SOFTWARE

	Standard	Professional
Database (SQL Server)	Yes	Yes
Live Extent Report	Yes	Yes
History Report	Yes	Yes
Attendance/Absence Report	Yes	Yes
Roll Call Report	Yes	Yes
Client Workstations	5	5
Photo ID Badge Printing	Yes (Fixed)	Yes
Text Alarms with audit trail	Yes	Yes
Zoned door release on fire alarm	Yes	Yes
Automatic scheduled Backup	Yes	Yes
Automatic scheduled Archive	Yes	Yes
Setup Wizard	Yes	Yes
ID Badge Design	-	Yes
Zoned APB	-	Yes
Floor Plan Alarms	-	Yes
Card data import	-	Yes

CONTROLLER

Ethernet (P2.net Only)
Speed 10 Base-T or 100 base-T (Auto-sensing)
Cable Category 5 Tested Pair Copper (90 Metres max)
management via programming keyboard on front panel

NETWORK

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

FUNCTIONS

Event Memory	2000
Time Zones	32
Time Elements	64
Calendars	4
Cards/Fobs	2000
Access Levels	32

INTERFACE

Reader Interfaces	2 (Card in/out)
Lock Release Timer	1 to 99 S, (0 for Toggle mode)
Relay Outputs	2 (NC, C, NO)
Relay contact rating	3.0 amps at 30v DC

Egress	request to exit input (normally open contact)
Door monitor	Contact closed when door closed
Auxiliary inputs	Fire, Intruder/Tamper
Alarms	PDO, Door Forced

SUPPLY

10 to 14V DC

READER

Supply Current	30 mA (ave)
Operating Temperature	-20 to 65 deg C
Operating Humidity	0-95% relative humidity non-condensing
Operating Frequency	125 KHz
Weight	180 gm
Cable	4 Core screened
Cable Distance (Max)	100m

PRODUCT CODES	
DESCRIPTION	CODE
P2 Reader	3800
P2 Controller	3801
P2.net Controller	3802
USB Interface	3803
P2 ISO Card	3804
P2 Fob	3805
P2 Sticky Dot	3806
P2 Standard Software	3808
P2 Professional Software	3809