

# MicroEngine®

Integrated Security Systems

## P1000i

Single Door IP PoE Security Access Controller

### Better Configurability & Security

Encrypted IP . High Capacity . 64 Bits . PoE



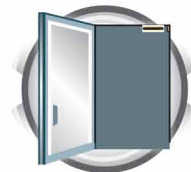
Encrypted IP

Power over Ethernet (PoE)

High Capacity

64 Bits Card Number

I/O Modules for Alarm & Elevator



## XP-P1000i Features



| No. | Feature                             | Description   |
|-----|-------------------------------------|---|
| 1   | No. of Doors                        | 1 Door  |
| 2   | No. of Readers                      | Max of 2 Readers (Plato Readers)  |
| 3   | Wiegand / ABA Reader                | Yes - Max 2   |
| 4   | Connection to PC                    | TCP/IP (10/100 Base PoE)  |
| 5   | Connection to Reader                | RS485 - Plato Reader Series / Wiegand/ABA   |
| 6   | Card Holders                        | 10,000 (64 Bits)  |
| 7   | Transactions                        | 50,000  |
| 8   | Time Setting                        | 255 Time Set & 255 Time Zone (No Access Level Limits)   |
| 9   | Holiday                             | 30 (2 Sets)   |
| 10  | Inputs                              | 5 Supervised/Digital (Switchable) - 1 Door Sensor + 1 Exit Button, 1 Dedicated Fire Alarm Input, 2 Configurable as Reader Tamper, Emergency Breakglass Monitor or General Purpose   |
| 11  | Door Relay Output(s)                | 1   |
| 12  | Extra Relay Output(s)               | Yes (1) - Configurable  |
| 13  | Encrypted IP                        | Yes - AES 128   |
| 14  | Global Anti-Passback                | Using SNet-GAC Global Access Controller (128 Doors) or Peer to Peer Mode (Up to 8 Controllers)  |
| 15  | Real Time Clock                     | Yes - with On Board Battery   |
| 16  | WAN Support                         | Yes - Support Dynamic IP  |
| 17  | Power Fail Monitor                  | Yes - with Power Level Monitoring   |
| 18  | Firmware Upgrade                    | Download from Software  |
| 19  | Diagnostic                          | Yes - Using Built in Web Browser  |
| 20  | Onboard LED Indicators              | Yes - Input, Output, Run, Diagnostic, Error   |
| 21  | Onboard Buzzer                      | Yes   |
| 22  | Full Functionality without Computer | Yes - Does Not Depend On Computer for Data Lookup   |
| 23  | Processor                           | Microchip PIC32 - 32 bit RISC MCU at 80 MHz   |
| 24  | Memory                              | Program (FLASH: 512KB), DATA (EEPROM: 128KB, FLASH: 4MB)  |
| 25  | Casing Dimension                    | 255mm (L) x 95mm (W) x 27mm (D)   |
| 26  | DIN Rail Mount Ready                | Yes   |
| 27  | Power Consumption                   | Typically 400mA (Controller board only)   |
| 28  | External IO Support                 | Yes. Use PiO-S168i, PiO-R24, PiO-L32 for Alarm Monitoring, Elevator Access Control and Mimic Panel Display. Each P1000i supports up to Four (4) PiO module in any combinations. The linkage to PiO modules is by RS485 (up to 1000m). |
| 29  | IO Modules -                        |   |
|     | PiO-S168                            | 16 Supervised Inputs & 8 Relay Outputs Module for Alarm Monitoring  |
|     | PiO-R24                             | 24 Relay Outputs Module for Elevator Access Control   |
|     | PiO-L32                             | 32 LED Driver Outputs Module for Mimic Panel Display  |
| 30  | CE                                  | Yes   |

## Plato Readers



### Slim Card Reader

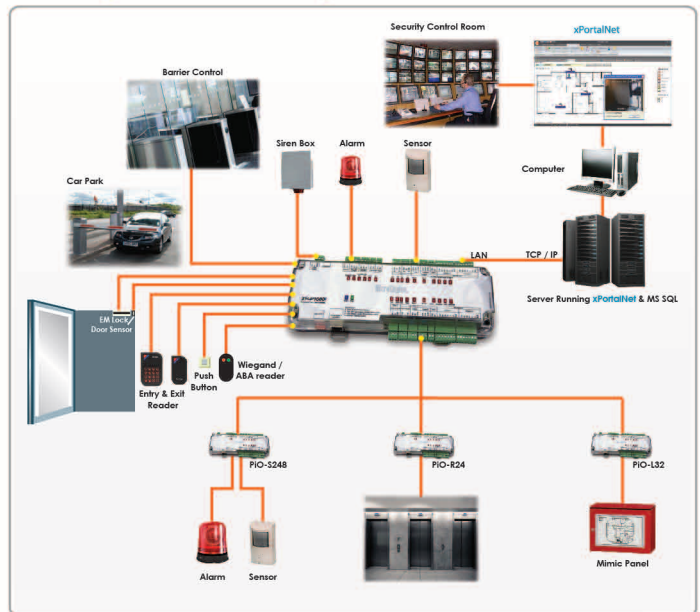
| Model            | Description                    |
|------------------|--------------------------------|
| Plato-P80S       | Proximity Reader               |
| Plato-C80S       | Mifare / CEPAS Reader          |
| <b>Dimension</b> | 80mm (H) x 43mm (W) x 16mm (D) |



### Slim Card Reader with Touch Sense Keypad & Colour Graphic LCD

| Model            | Description                    |
|------------------|--------------------------------|
| Plato-P80KLS     | Proximity Reader               |
| Plato-C80KLS     | Mifare / CEPAS Reader          |
| <b>Dimension</b> | 90mm (H) x 57mm (W) x 16mm (D) |

## Configuration Diagram



For enquiries, please contact:

Specifications subject to change without prior notice.

## Softwares

- xPortal3000** Simple Time Attendance
- xPortalNet** Client/Server with SQL Server
- xPortalWeb** Web based

