

MicroEngine®

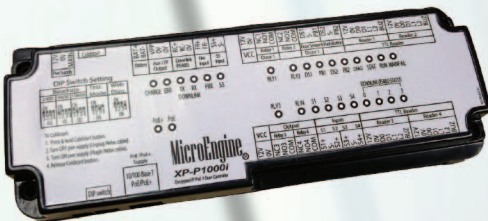
Integrated Security Systems

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



www.microengine.net



REG No. 44831281647

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

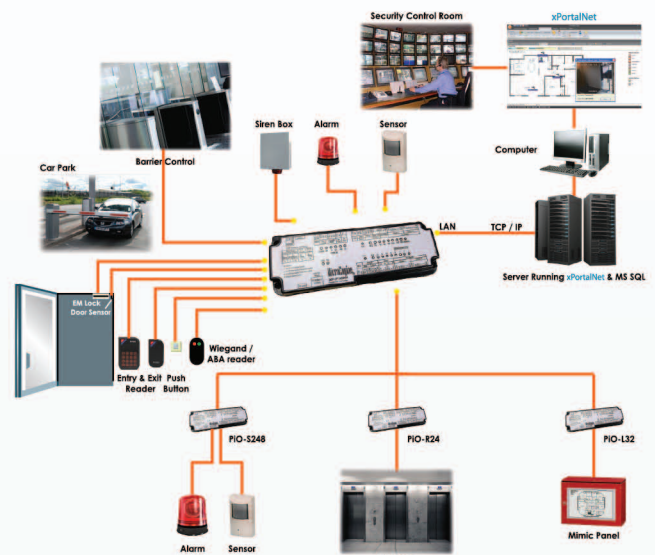
Model	Description
Plato-P80S	Proximity Reader
Plato-C80S	Mifare / CEPAS Reader
Dimension	80mm (H) x 43mm (W) x 16mm (D)



Slim Card Reader with Touch Sense Keypad & Colour Graphic LCD

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

Configuration Diagram



For enquiries, please contact:

Specifications subject to change without prior notice.

Softwares

xPortal3000
xPortalNet
xPortalWeb

Simple Time Attendance
Client/Server with SQL Server
Web based

