

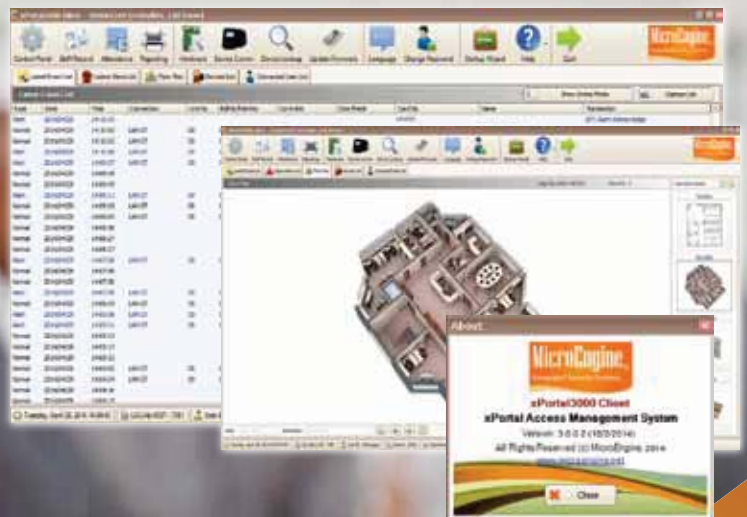
MicroEngine®

Integrated Security Systems

xPortal3000

Multi Function Access Control System

Flexible • Efficient • Useful



- ▶ Mifare Sector Reading
- ▶ Standalone or Multi-Workstation
- ▶ Build-In Attendance System
- ▶ Car Park Access
- ▶ Reader with Keypad & Colour LCD
- ▶ Upgradable to be Used in Multi-Door Network System



www.microengine.net



REG No. 749921389



Plato - P80KLS / C80KLS
Slim Reader with Touch Sense Keypad, Colour Graphic LCD



Plato - P80S / C80S
Slim Reader



XP-GT3500L
Reader with Touch Sense Keypad, Fingerprint, LCD & Built-in Controller & LAN



XP-GTR1500L
Reader with Touch Sense Keypad, LCD & Built-in Controller & LAN



XP-M1000X
Reader with Keypad, LCD & Built-in Controller

System Supporting Features

Hardware

- Proximity / Mifare / Mifare Sector Reading Technology
- Reader Unit with LCD & Keypad (Colour LCD Keypad Available - Plato)
- Built-in Controller Function for Memory & Time Control
- Supports Exit Reader Unit
- Supports External I/O for Interfacing with CCTV / Sirens
- Keep Transactions Data even Power Fails
- Encrypted IP Controller
- Can Program Directly at the Reader Keypad (or from PC Software)
- Can be Linked to PC through LAN / Direct Serial / RS485

Software

- Supports Time Set & Time Zones
- Supports Transaction Recording
- Supports Transaction Memory Retention
- Can Program Directly at the PC Software (or the Reader Keypad)
- xPortal3000 Software with Access Management Automatic Data Collection, Time Attendance Function, Client-Server Version Available
- Server Runs as a Windows Service
- Multi-Language

Time Attendance

- Designate Specific Reader for Attendance
- Supports Attendance Door Group by Staff
- Configurable Export for Integration with Payroll System
- Configurable Shift Setting
- Supports Flexi Hour

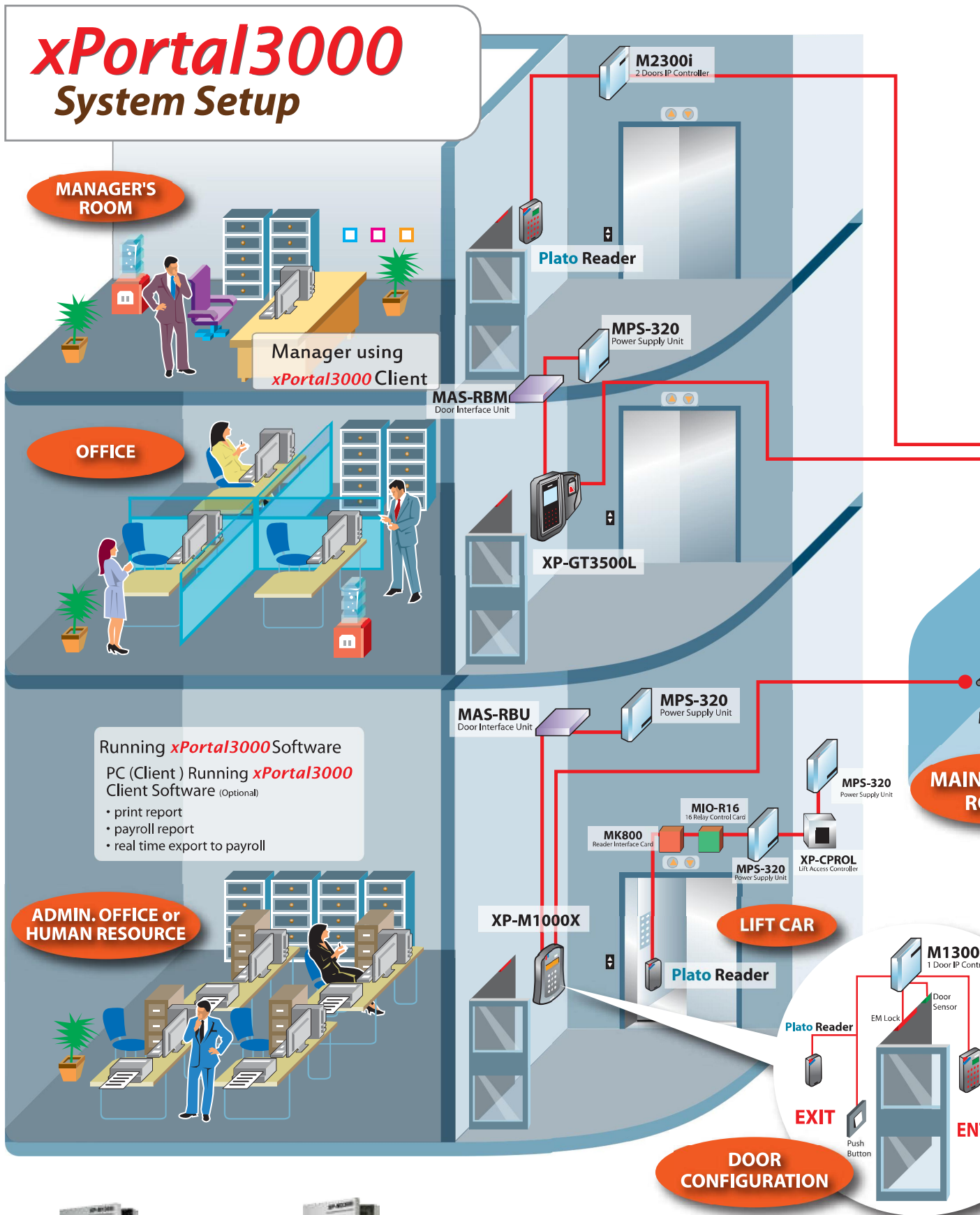
Car Park

- Supports 1 IN and 1 OUT Reader
- Supports Car Park Vehicle Counting and Control
- Supports Car Park Full Sign Activation

Fingerprint

- Reliable Optical Fingerprint Sensor
- Supports Up to 3500 Templates
- Can be Used Together with Card Access System with Same Software
- Multiple Operating Modes - Fingerprint + Card + Pin Codes

xPortal3000 System Setup



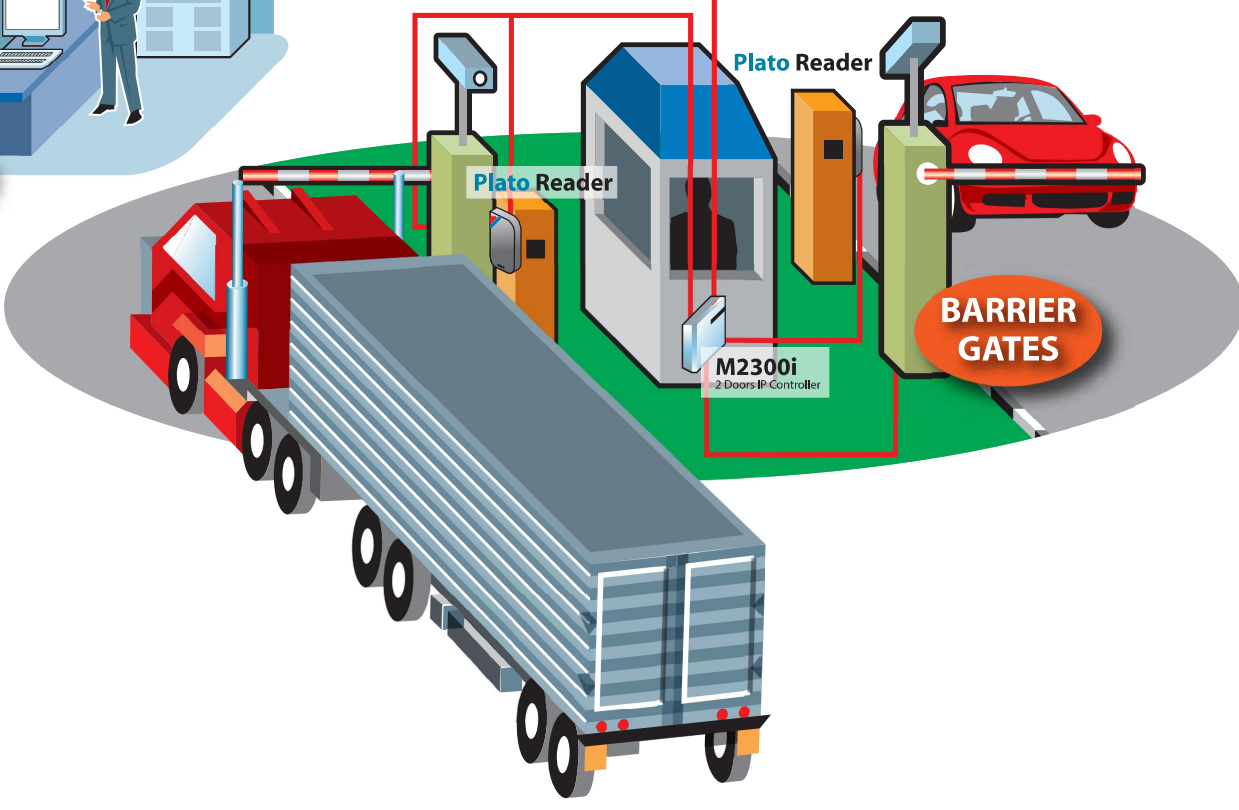
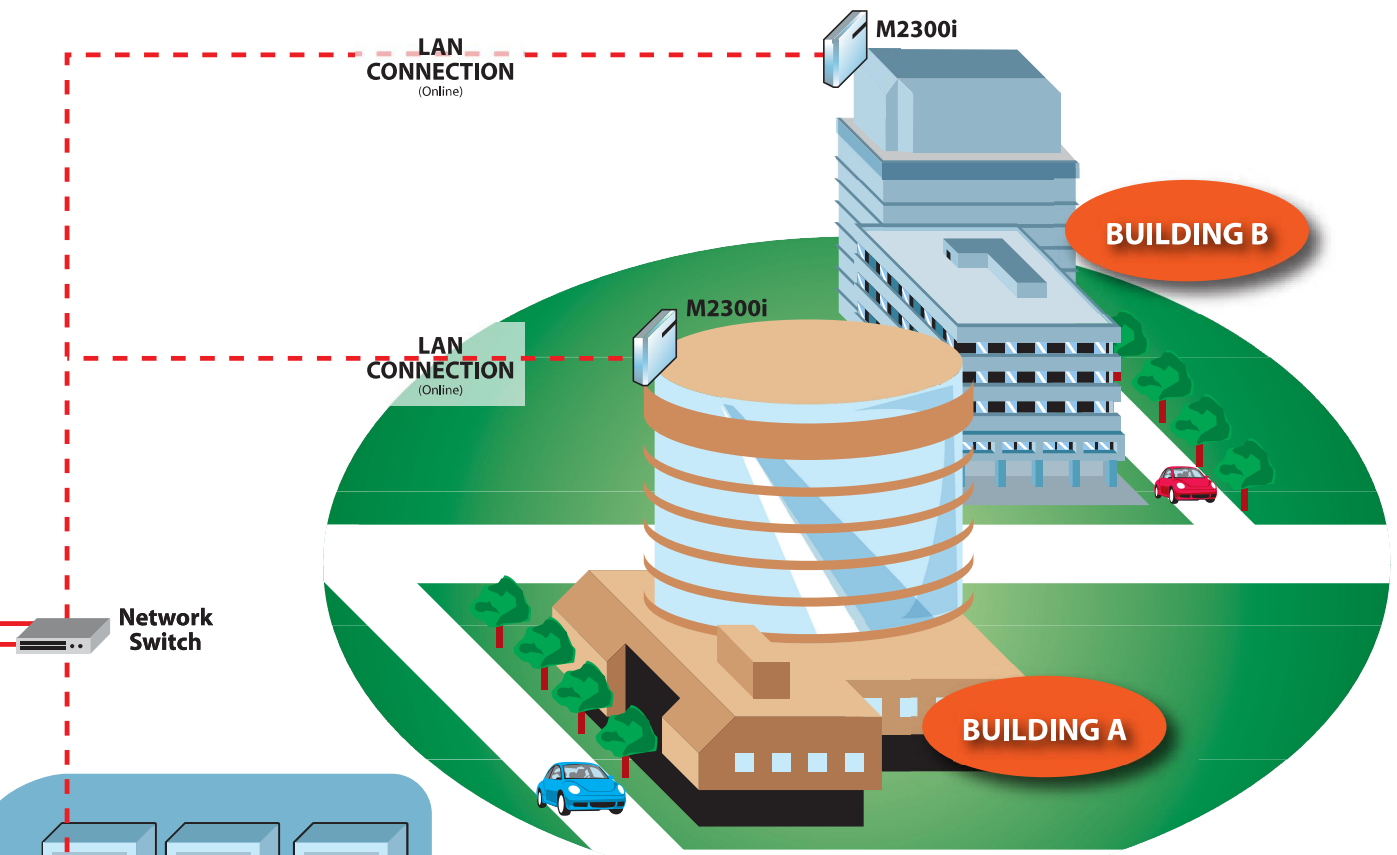
M1300i

Encrypted IP 1 Door Access Controller



M2300i

Encrypted IP 2 Door Access Controller

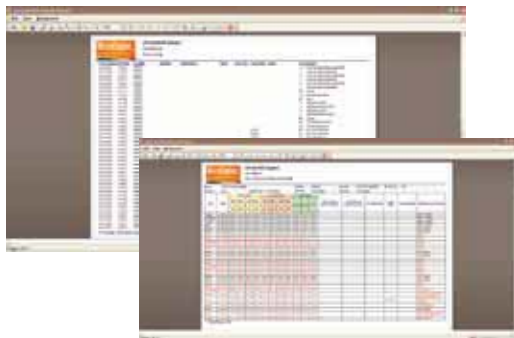


Plato Reader

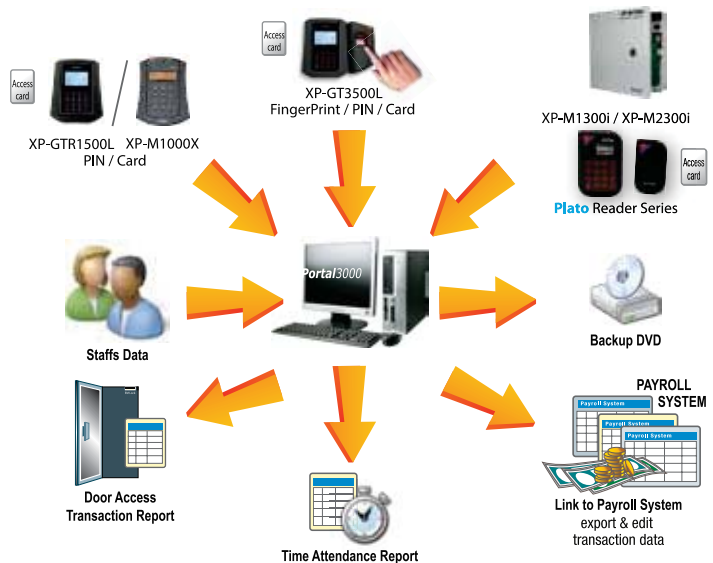
TRANCE





xPortal3000 Features



No.	Item	xPortal3000 Feature		
		Free	xPortal3000/S	xPortal3000
1	Operating System	Windows XP Pro, Vista, Win 7, Windows Server 2003/2008 or Compatible (Microsoft .Net Framework v3.5 Required)		
2	Max No. of Controllers / Doors	8 / 16	32 / 64	64 / 128
3	Controller Supported	MicroEngine's XP-M1000, XP-M1000X, XP-GT3500L, XP-GT1500L XP-C2000, XP-CPRO Multi-Door Controllers, XP-M1000i & XP-M2000i Encrypted IP Controller		
4	Card Holder	1,000	10,000	10,000
5	Transaction Records	Limited by Disk Space		
6	Server as Windows Service	Yes		
7	Time Set & Time Zone	255		
8	Holiday Dates	30		
9	Access Levels	255		
10	Anti-Passback	Yes		
11	Automatic Transaction Retrieval	Yes		
12	Password Controlled Software User	Yes		
13	User Defined PIN Selection	Yes		
14	Daily Attendance Reporting	Yes - Simple Single Day Daily Mode Late-in, Absent, Total Work Time, OT, Flexi Hour		
15	Monthly Attendance Reporting	Yes - Summary of Attendance Status		
16	Who's Still In Report	Yes - Multiple Door Selection		
17	Add Controller Wizard	Yes		
18	Dynamic Floor Plan	Yes		
19	Online Events Viewing	Yes		
20	Online Help	Yes		
21	Database	FireBird		
22	Communication Link to PC	Serial RS485 or IP		
23	Multi-Workstation	No	No	Yes - Max 3
24	Multi-Language by System User	No	Yes	Yes
25	System User	Use Default only	Can Add New System User	Can Add New System User
26	System User Menu Access Setting	No	Yes	Yes
27	Scheduled Backup	No	No	Yes
28	Scheduled Attendance Rebuild	No	No	Yes
29	Lift Access	No	Yes	Yes
30	Floor Plan Thumbnail	No	No	Yes
31	Advanced Floor Plan Icon Setting	No	No	Yes (Can Resize, Rotate & Change Label Position)
32	Multi-Database	No	No	Yes



No.	Item	Feature	
		XP-GTR1500L Reader 	XP-GT3500L Reader 
1	Card User Memory	1,500	3,500
2	Transaction Records	10,000	20,000
3	Single Unit Reader, Keypad & Controller	Yes	
4	Build-In Card Reader	Yes - EM Card (Mifare Card with Mifare Sector Reading Model Available)	
5	Access Operation Mode	Card Only, PIN Only, Card + PIN	Card Only, Card + PIN, Fingerprint, Card + Fingerprint, PIN + Fingerprint, Card + PIN + Fingerprint
6	Fingerprint Template Capacity 1:N	No	3500 1:3500
7	Display	128 x 64 Graphic Display with Back Light	128 x 64 Graphic Display with Back Light
8	Keypad	Touch Sense Keypad with Back Light	Touch Sense Keypad with Back Light
9	Time Set & Time Zone	99	99
10	Holiday Dates		30
11	Auto PIN		10 Sets
12	Built-in Real Time Clock with Battery		Yes
13	Car Park Mode External Entry Reader	No	No
14	Exit Reader	Yes	Yes - Use MAS-RBM to connect the Entry and Exit Unit
15	Exit Push Button	Yes - with Time Zone Control	
16	Support Wiegand 26-bit Reader	Yes	
17	Anti-Passback	Yes	
18	Controller Operation Mode	Access Control Mode	Access Control Mode
19	Supports Programming Through Keypad & LCD at the Reader	Yes	
20	Lock Control, Door Sensor & Exit Button Input	Yes - Through MAS-RBM Located Inside the Door	
21	Configurable Lock Release Time	Yes - 0-99 secs.	
22	Configurable Door Open Time	Yes - 0-99 secs.	
23	Auto Lock Release Time Zone	Yes	
24	Sensor & Output	No	No
25	Data Flash Memory	32MBit	32MBit
26	Onboard Buzzer	Yes	
27	Communication Ports	RS485 / LAN	RS485 / LAN
28	Can be Linked to PC for Software Control	Yes	
29	Power	12VDC	
30	Dimension	152mm (H) x 122mm (W) x 32mm (D)	131mm (H) x 158mm (W) x 65mm (D)

Ordering Information

No.	Item	Feature
1	XP-GT3500L	Fingerprint Proximity Reader with LCD & Keypad Built-in Controller Function, 3,500 Users, 20,000 Transactions, TimeKeeping C/W MAS-RBT Door Interface Unit
2	XP-GT3500ABL	Fingerprint ISO14443 A/B Serial No. Reader with LCD & Keypad Built-in Controller Function, 3,500 Users, 20,000 Transactions, TimeKeeping C/W MAS-RBT Door Interface Unit
3	XP-GTR1500L	Proximity Reader with LCD & Touch Sense Keypad + LAN 1,500 Card Users, 10,000 Transactions
4	XP-RDPRX	Proximity Reader
5	XP-RDMFX	ISO14443 A/B Serial No. Reader with ABS Casing
6	MiO-44	4 In 4 Out Card
7	MCI-XPC3000/S	Standalone Software Licence for Controlling Up to 64 Doors of XP-M1000X, XP-GT3500L, XP-GTR1500L, XP-CPRO Controller
8	MCI-XPC3000	xPortal3000 Client / Server Software Licence Max 3 Client Max 128 Doors Max 64 Controllers per Software
9	XPC3000-CLIENT	xPortal3000 Client Software Workstation Licence
10	MPS-320	3A Power Supply Unit with Low Power Cut-off
11	MPC-100	Proximity Card
12	MPC-S1K	Mifare Standard 1KBit ISO Card
13	XP-M1300i	Encrypted IP 1 Door Access Controller
14	XP-M2300i	Encrypted IP 2 Door Access Controller
15	Plato-P80S	Proximity Reader
16	Plato-P80KS	Proximity Reader with Touch Sense Keypad
17	Plato-P80KLS	Proximity Reader with Touch Sense Keypad & Colour LCD
18	Plato-C80S	Mifare / CEPAS Reader
19	Plato-C80MS	Mifare / CEPAS Reader with Enhanced Antenna (Better Performance)
20	Plato-C80KLS	Mifare / CEPAS Reader with Touch Sense Keypad & Colour LCD

Computer Requirements

No.	System	Requirement
1	CPU (Recommended)	Intel Core i5-5220U, 2.2 GHz or Higher
2	RAM (Minimum)	4 GB
3	OS	Microsoft Win7/8/10 Pro, 2003/2008 Server (Home/Starter/Single Language Editions Not Supported)
4	Microsoft.Net Framework	Yes (Version 3.5)
5	Ethernet & Serial Port	Yes
6	USB Port	Yes
7	Display (1024 x 768 x 16 bit colours)	Yes
8	Mouse / Keyboard	Yes
9	Hard Disk (Free Space)	50 GB



M1300i
Encrypted IP 1 Door
Access Controller



M2300i
Encrypted IP 2 Door
Access Controller



Plato Reader Series

xPortal3000 is a highly configurable software. You are advised to contact our authorised representatives to configure the system that meet your requirements.

For enquiries, please contact:

Specifications subject to change without prior notice.