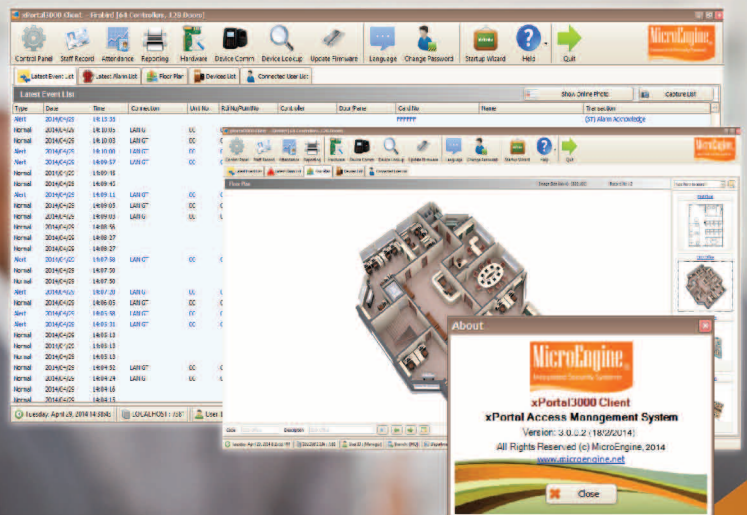


## xPortal3000

### Multi Function Access Control System

Flexible • Efficient • Useful



- ▶ 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





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



**Plato - P80S / C80S**  
Slim Reader



**XP-GT3200L**  
Reader with Touch Sense Keypad,  
Fingerprint, LCD & Built-in  
Controller & LAN



**XP-GTR1200L**  
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 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

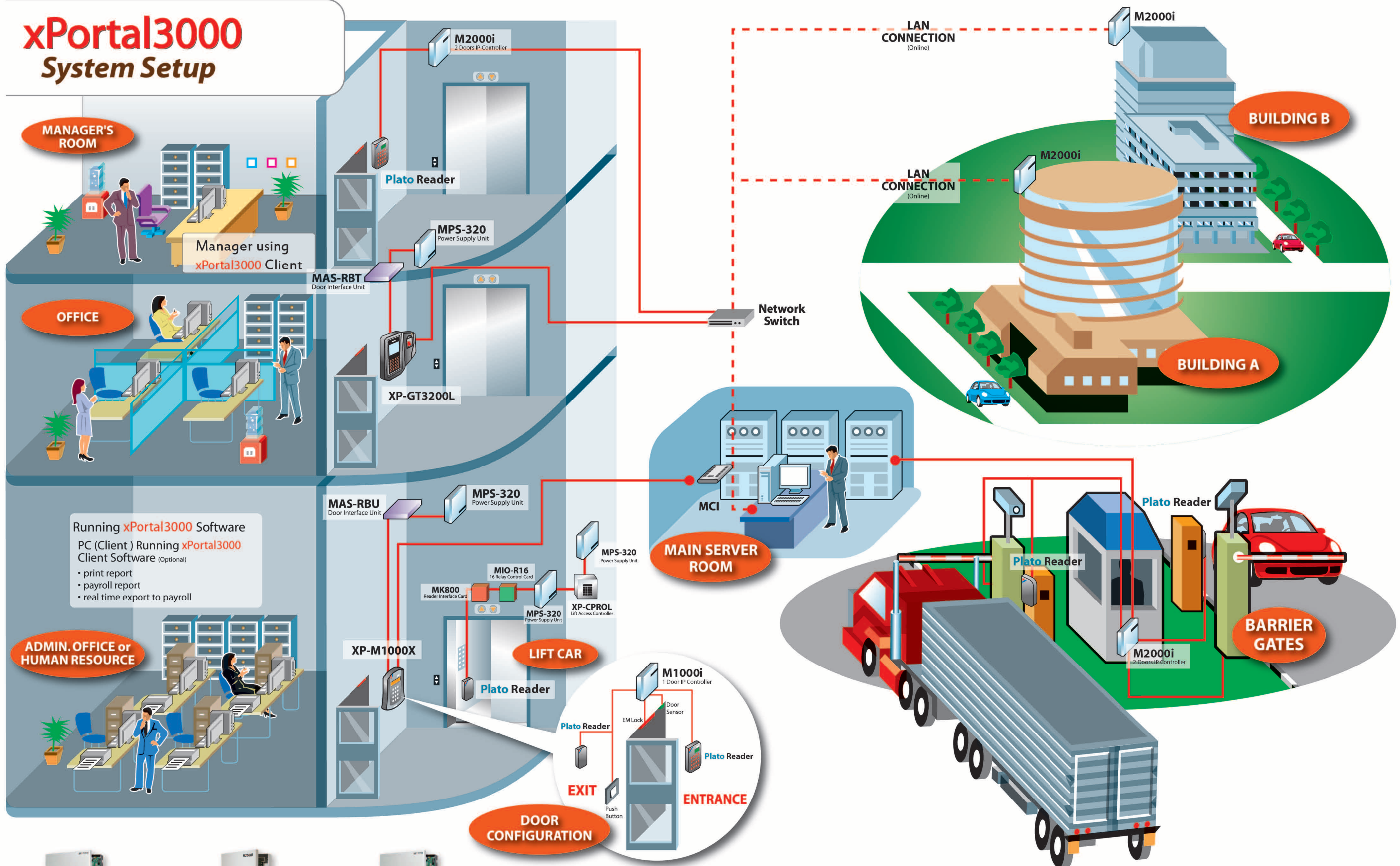
- Supports 1 IN and 1 OUT Reader
- Supports Car Park Vehicle Counting and Control
- Supports Car Park Full Sign Activation

## Fingerprint

- Reliable Optical Fingerprint Sensor
- Supports Up to 3200 Templates
- Can be Used Together with Card Access System with Same Software
- Multiple Operating Modes - Fingerprint + Card + Pin Codes



# xPortal3000 System Setup



**M1000i**

Encrypted IP 1 Door  
Access Controller



**M2000i**

Encrypted IP 2 Door  
Access Controller



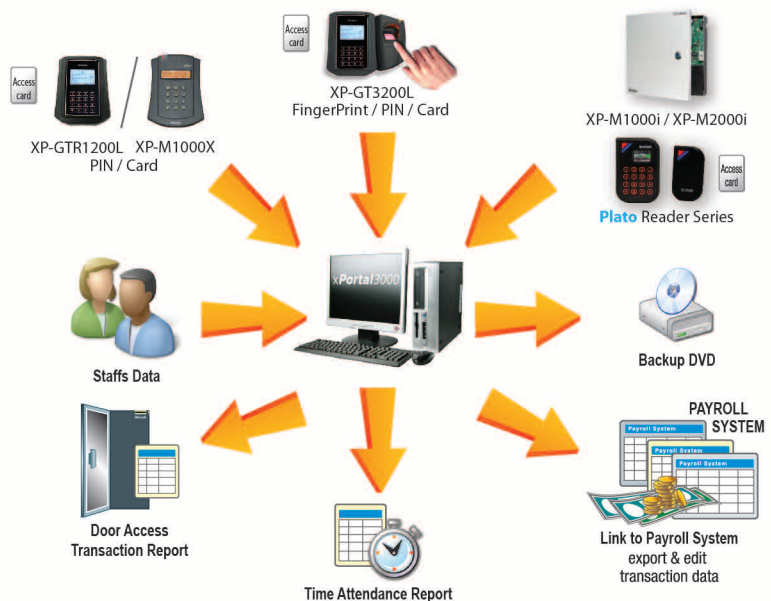
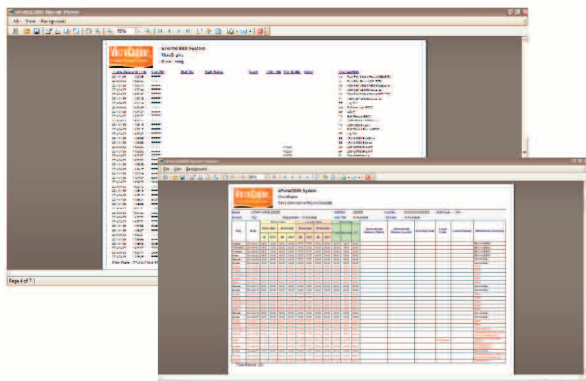
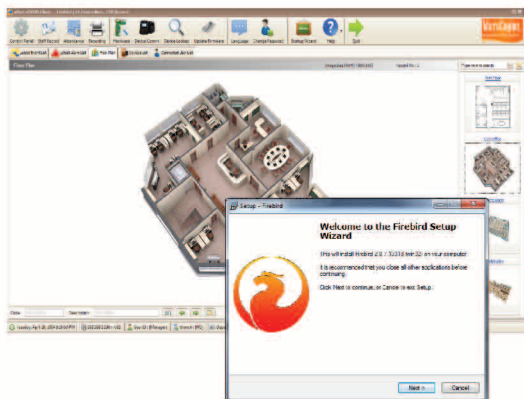
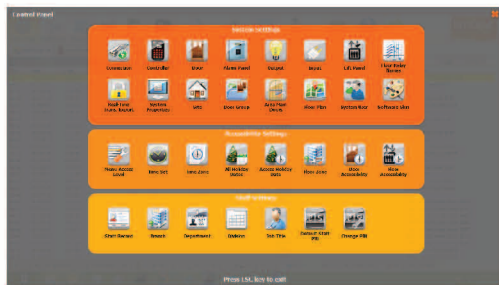
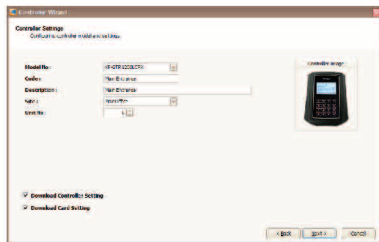
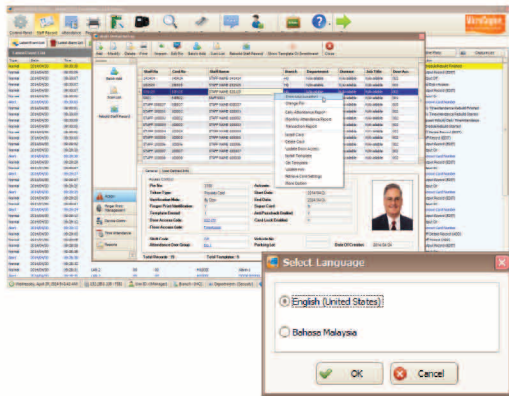
**C2000**




Serial 2 Door  
Access Controller



## 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-GT3200L, XP-GT1200L 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-M1000X Reader 	XP-GTR1200L Reader 	XP-GT3200L Reader 
1	Card User Memory	1,000 (2,000 in Car Park Access Mode)	1,200	3,200
2	Transaction Records	10,000 (5,000 in Car Park Access Mode)	10,000	20,000
3	Single Unit Reader, Keypad & Controller		Yes	
4	Build-In Card Reader	Yes - EM Card (Mifare Card Model Available)		
5	Access Operation Mode	Card Only, PIN Only, Card + PIN	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	No	3200 1:3200
7	Display	2x16 Character LCD with BackLight	128 x 64 Graphic Display with Back Light	128 x 64 Graphic Display with Back Light
8	Keypad	Epoxy Coated High Durability Keypad	Touch Sense Keypad with Back Light	Touch Sense Keypad with Back Light
9	Time Set & Time Zone	50	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	Yes	No	No
14	Exit Reader	Yes	Yes	Yes - Use MAS-RBT 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, Time Attendance, Car Park	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-RBS 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	Yes - with External MiO-44, 4 In 4 Out Card	No	No
25	Data Flash Memory	No	32MBit	32MBit
26	Onboard Buzzer	Yes		
27	Communication Ports	RS232 / RS485	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)	152mm (H) x 122mm (W) x 32mm (D)	131mm (H) x 158mm (W) x 65mm (D)

## Ordering Information

No.	Item	Feature
1	XP-GT3200L	Fingerprint Proximity Reader with LCD & Keypad Built-in Controller Function, 3,200 Users, 20,000 Transactions, TimeKeeping C/W MAS-RBT Door Interface Unit
2	XP-GT3200ABL	Fingerprint ISO14443 A/B Serial No. Reader with LCD & Keypad Built-in Controller Function, 3,200 Users, 20,000 Transactions, TimeKeeping C/W MAS-RBT Door Interface Unit
3	XP-M1000X	Proximity Reader with LCD & Keypad Built-in Controller Function, 1,000 Card Users, 10,000 Transactions, Time Keeping C/W MAS-RBU Door Interface Unit
4	XP-GTR1200L	Proximity Reader with LCD & Touch Sense Keypad + LAN 1,200 Card Users, 10,000 Transactions
5	XP-M1000ABX	ISO14443 A/B Serial No. Reader with LCD & Keypad Built-in Controller Function, 1,000 Users, 20,000 Transactions, TimeKeeping C/W MAS-RBU Door Interface Unit
6	XP-RDPRX	Proximity Reader
7	XP-RDMFX	ISO14443 A/B Serial No. Reader with ABS Casing
8	MiO-44	4 In 4 Out Card
9	MCI-XPC3000/S	Standalone Software Licence for Controlling Up to 64 Doors of XP-M1000X, XP-GT3200L, XP-GTR1200L, XP-CPRO Controller
10	MCI-XPC3000	xPortal3000 Client / Server Software Licence Max 3 Client Max 128 Doors Max 64 Controllers per Software
11	XPC3000-CLIENT	xPortal3000 Client Software Workstation Licence
12	MPS-320	3A Power Supply Unit with Low Power Cut-off
13	MPC-100	Proximity Card
14	MPC-S1K	Mifare Standard 1KBit ISO Card
15	XP-M1000i	Encrypted IP 1 Door Access Controller
16	XP-M2000i	Encrypted IP 2 Door Access Controller
17	Plato-P80S	Proximity Reader
18	Plato-P80KS	Proximity Reader with Touch Sense Keypad
19	Plato-P80KLS	Proximity Reader with Touch Sense Keypad & Colour LCD
20	Plato-C80S	Mifare / CEPAS Reader
21	Plato-C80KS	Mifare / CEPAS Reader with Touch Sense Keypad
22	Plato-C80KLS	Mifare / CEPAS Reader with Touch Sense Keypad & Colour LCD

## Computer Requirements

No.	System	Requirement
1	CPU (Recommended)	Intel Core i3-3220, 3.3 GHz or Higher
2	RAM (Minimum)	2 GB (3 GB Recommended)
3	OS	Microsoft Win7/Win8 Pro, 2003/2008 Server (Home & Starter Editions Not Supported)
4	Microsoft.Net Framework	Yes (Version 3.5)
5	Ethernet & Serial Port	Yes
6	USB Port	Optional - Required for USB Desktop Reader
7	Display (1024 x 768 x 16 bit colours)	Yes
8	Mouse / Keyboard	Yes
9	Hard Disk (Free Space)	50 GB



**M1000i**

Encrypted IP 1 Door  
Access Controller



**M2000i**

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.