Micro Engine Biometric Reader

Flexible, Reliable and More Features   :-

Optical FingerPrint Sensor - More reliable (No hassle of Electric Static Discharge that damage the sensor)

~ 3,200 templates

~ Can be used together with Card Access System with the same software

~ Operating Mode

~ Card Only

~ ID No Only

~ Fingerprint

~ Card + PIN

~ ID No + Fingerprint

~ Card + PIN + Fingerprint

~ ID No + PIN + Fingerprint

XP-GT3200L

The XP-GT3200L Access Control System is designed to meet the high standards required in security for today and in the future. Attached with the fingerprint verification unit, the XP-GT3200L is able to cater for different levels of security needs and applications. The user may opt to install a card identification first and still have the option to add the fingerprint verification when the need arises.

The XP-GT3200L itself boast a rich suit of features and capabilities. Built with high density memory offered by flash technologies, it can cater to a card user capacity of up to 3,200 and transaction record capacity of up to 20,000 to cater to applications ranging from residential, commercial, industrial and even public sectors. 99 numbers of Time Set and Time Zone provides the user with the flexibility to control the access level of each user up to the minute. Its capability to offer different features when operating under Door Access and Time attendance also enables it to provide a more complete solution under these circumstances.

LAN Capable

The XP-GT3200L includes built-in controller with direct TCP/IP that enabling faster data transfer, it is cater for property with existing Local Area Network (LAN) facility.
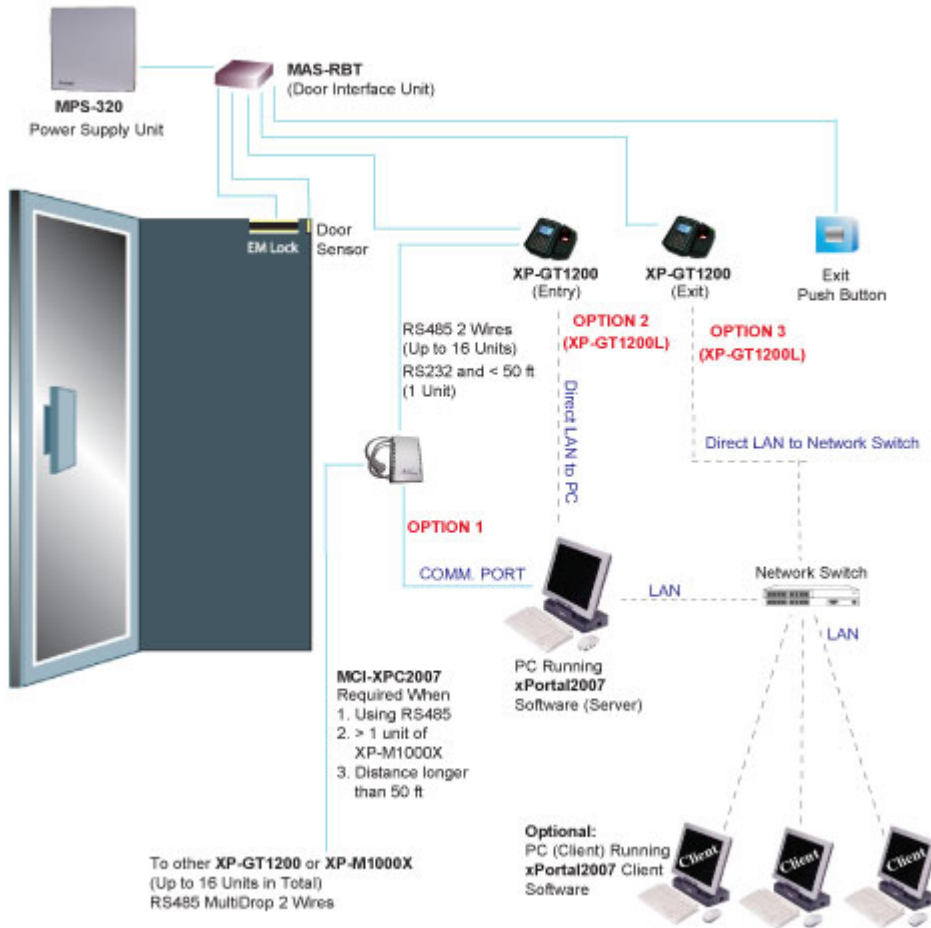
Fingerprint Reader

The fingerprint reader which is built on matured technology to realize a durable and high performance fingerprint verification solution. With an optical sensor, the user can have a peace of mind over issues like Electro-Static Discharge (ESD) threats and dry finger readability which cause other readers to fail. The fingerprint reader comes equipped with a high performance 32bit RISC MCU to perform verification at high accuracy with the minimum time. With the fingerprint reader installed on the XP-GT3200L, the user can realize different types of Access Operation Modes with combinations of ID No, PIN, Card and Fingerprint to provide different levels of security.

XP-GT3200L Reader Features		
No	Feature	Functions
01	Card User Memory Capacity	3,200
02	Fingerprint Template Capacity	3,200 (1:1), 3,200 (1:N)
03	Transaction Records Capacity	20,000
04	Communication	RS323, RS485 or LAN
05	Built-in Real Time Clock with backup battery	Yes (Retention of up to 1 week without external power)
06	Keypad	16 keys (with back light - Touch Sense)
07	Display	128x64 graphics display with back light
08	Dimension	131mm(H) x 158mm(W) x 65mm(D)
09	Input Voltage Supply	12VDC
10	Time Set Records Capacity	99
11	Time Zone Records Capacity	99
12	Holiday Dates	30
13	Antipassback Enforcement	Yes (Local)
14	Built-in Card Reader	Yes - EM card or Mifare card
15	Access Operation Mode	Card only Card + PIN ID No only ID No + PIN Card + fingerprint ID No + fingerprint Card + PIN + fingerprint ID No + PIN + fingerprint Fingerprint only
16	Controller Operation Mode	1) Access Control Mode (default) a) Support external I/O interfacing with CCTV/Sirens for general purpose alarm functions (require MIO-44)
17	On site Programming through keypad	Yes
18	Lock Control	Yes (through an externally relay board located on secure side of door)
19	Door Sensor/ Push Button Input	Yes (through an externally relay board located on secure side of door)
20	Configurable Lock Release Time	0-99 seconds
21	Configurable Door Open Time	0-99 seconds
22	Auto Lock Release Time Zone	Yes
23	Software Control	Yes (software model xPortal2005 v1.2/xPortal2007)
24	Sensor Type	Optical with built-in LED
25	Sensor Resolution	500 dpi
26	Sensor Image Gray Scale Level	8 bit

27	ESD Susceptibility	15kV
28	False Acceptance Ratio (FAR)	1/10,000,000 at 1,000 templates
29	Verification Time	<1 sec
30	Scanning Position	Maximum allowable rotation: 90 degrees

Configuration Diagram

xPortal2005 Software Features		
No	Feature	Functions
01	Operating System	Windows XP Home, XP Pro, NT4, 2000 or compatible (Microsoft .Net framework v1.1 required)
02	Max. No. of doors	1 (direct RS232) 16 (with one MCI-XP2005 or MCI-XP2005/s using RS485 MultiDrop) 128 (maximum configuration with multiple units of MCI-XP2005 or MCI-XP2005/s)
03	Controller supported	MicroEngine's XP-M1000, XP-M1000X, XP-GT3200L, XP-GTR1200L, XP-GTR3000L, XP-CPRO Multi-Door controllers
04	Card holder	2000
05	Transaction records	Limited by disk space
06	Time set	255
07	Time zones	255
08	Holiday dates	30
09	Access levels	255

10	AntiPassback	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
15	Monthly Attendance Reporting	Yes - Summary of attendance status
16	Who's still in report	Yes (Multiple door selection)
17	Menu accessibility control	Yes
18	Dynamic floor plan	Yes
19	Online events viewing	Yes
20	Online help	Yes
21	Controllers supported	XP-M1000, XP-M1000X, XP-CPRO, XP-GT3200L, XP-GTR1200L, XP-GTR3000L
22	Database	MS Access
23	Using Microsoft .Net framework	Yes (v1.1)
24	Multi-workstation	Yes, 3 clients (MCI-XPC2005)
25	Can be linked to PC for software control	Yes Use xPortal2005 Requires MCI-XP2005 or MCI-XP2005/s for distance longer than 50 feet or more than 1 unit of XP-M1000/XP-M1000X/XP-GT3200L/XP-GTR1200L/XP-GTR3000L
26	Using Microsoft .Net framework	Yes (v1.1)

xPortal2007 Software Features		
No	Feature	Functions
01	Operating System	Windows XP Home, XP Pro, NT4, 2000 or compatible (Microsoft .Net framework v1.1 required)
02	Max. No. of doors	1 (direct RS232) 16 (with one MCI-XP2007 or MCI-XP2007/s using RS485 MultiDrop) 128 (maximum configuration with multiple units of MCI-XP2007 or MCI-XP2007/s)
03	Controller supported	MicroEngine's XP-M1000, XP-M1000X, XP-GT3200L, XP-GTR1200L, XP-GTR3000L XP-CPRO Multi-Door controllers
04	Card holder	2000
05	Transaction records	Limited by disk space
06	Time set	255
07	Time zones	255
08	Holiday dates	30
09	Access levels	255
10	Overnight Shift	Yes

11	Overtime Calculate	Yes
12	Allowance Setting	Yes
13	AntiPassback	Yes
14	Automatic transaction retrieval	Yes
15	Password controlled software user	Yes
16	User defined PIN selection	Yes
17	Daily attendance reporting	Yes - Multi Shift Setting Late-In, Absent, Total Work Time, OT, Overnight Shift
18	Monthly attendance reporting	Yes - Summary of attendance status
19	Who's still in report	Yes (Multiple door selection)
20	Menu accessibility control	Yes
21	Dynamic floor plan	Yes
22	Online events viewing	Yes
23	Online help	Yes
24	Controllers supported	XP-M1000, XP-M1000X, XP-CPRO, XP-GT3200L, XP-GTR1200L, XP-GTR3000L
25	Database	Firebird
26	Using Microsoft .Net framework	Yes (v1.1)
27	Multi-workstation	Yes, 3 clients (MP-XPC2007)
28	Can be linked to PC for software control	Yes Use xPortal2007 Requires MCI-XP2007 or MCI-XP2007/s for distance longer than 50 feet or more than 1 unit of XP-M1000/XP-M1000X/XP-GT3200L/XP-GTR1200L/XP-GTR3000L

Ordering Information		
No	Product Code	Descriptions
01	XP-GT3200L	Fingerprint proximity reader with LCD and keypad Built-in controller function, 3,200 users, 20,000 transactions TimeKeeping C/W MAS-RBT door interface unit
02	XP-GT3200ABL	Fingerprint ISO14443 A/B serial No. reader with LCD and keypad Built-in controller function, 3,200 users, 20,000 transactions TimeKeeping C/W MAS-RBT door interface unit
03	XP-GTR1200L	Proximity reader with LCD and Touch Sense Keypad + LAN Built-in controller function, 1,200 card users, 10,000 transactions
04	XP-GTR3000L	Proximity reader with LCD and Touch Sense Keypad + LAN Built-in controller function, 3,000 card users, 20,000 transactions
05	XP-M1000X	Proximity reader with LCD and keypad Built-in controller function, 1,000 card users, 10,000 transactions TimeKeeping C/W MAS-RBU door interface unit
06	XP-M1000ABX	ISO14443 A/B serial No. reader with LCD and keypad

		Built-in controller function, 1,000 card users, 10,000 transactions TimeKeeping C/W MAS-RBU door interface unit
07	XP-RDPRX	Proximity reader
08	XP-RDMFX	ISO14443 A/B serial No. reader with ABS casing
09	Mio-44	4 In 4 Out Card
10	MCI-XP2005/s	Standalone software for controlling up to 16 doors of XP-M1000, XP-M1000X, XP-GT3200L, XP-GTR1200L, XP-GTR3000L, XP-CPRO controllers
11	MCI-XP2005	xPortal2005 Client/Server software main signal converter unit. Max. 3 clients Max 128 doors Max. 8 converter units per software (Control up to 16 units of XP-M1000 or XP-M1000X or XP-GT3200L or XP-GTR1200L or XP-GTR3000L or XP-CPRO controllers/converter)
12	MCI-XP2007/s	Standalone software for controlling up to 16 doors of XP-M1000, XP-M1000X, XP-GT3200L, XP-GTR1200L, XP-GTR3000L, XP-CPRO controllers
11	MCI-XPC2007	xPortal2007 Client/Server software main signal converter unit. Max. 3 clients Max. 128 doors Max. 8 converter units per software (Control up to 16 units of XP-M1000 or XP-M1000X or XP-GT3200L or XP-GTR1200L or XP-GTR3000L or XP-CPRO controllers/converter)
12	XPC2005-CLIENT	xPortal2005 Client Software Workstation License
13	XPC2007-CLIENT	xPortal2007 Client Software Workstation License
14	MPS-320	3A power supply unit with low power cut-off
15	MPC-100	Proximity card
16	MPC-S1K	Mifare standard 1KBit ISO card
17	MV-25	LAN to RS485 converter (UTP Ethernet 10BaseT with TCP/IP Protocol)

Computer Requirements		
No	Function	Descriptions
01	CPU	Pentium IV 1.7GHz or higher
02	RAM	1GB SDRAM or higher
03	Hard disk	20GB
04	Monitor	1024x768 (65536 colors) or better
05	Peripherals	Mouse, Keyboard, LPT Printer Port, Serial Port
06	OS	Client/Standalone : Microsoft Windows 2000/XP/Vista Business or compatible Server : Microsoft Windows 2000/XP Pro/Vista Business or compatible
07	UPS	Recommended to install