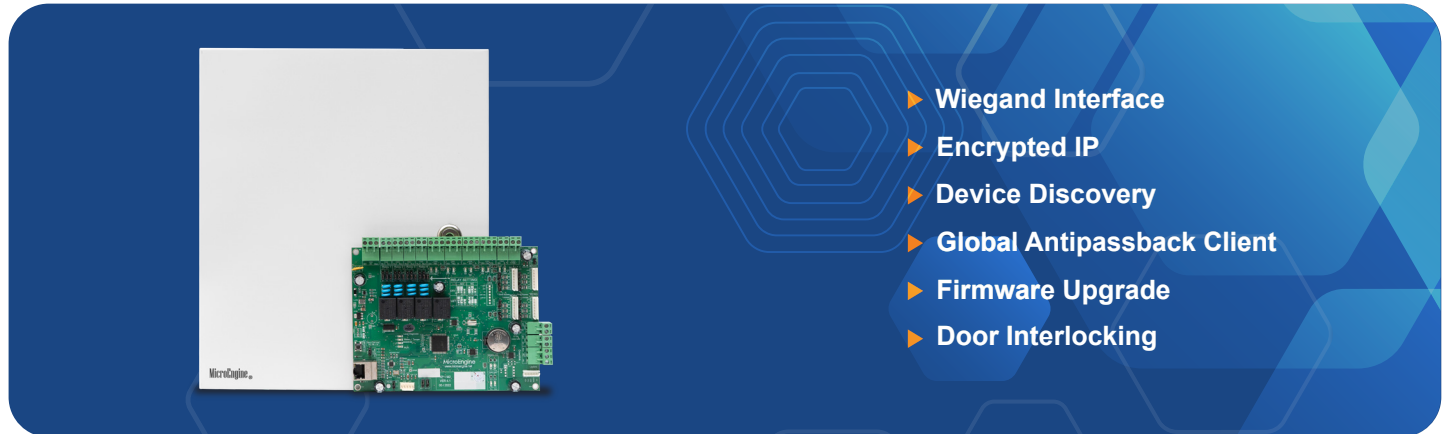


# Data Sheet | Controller

## XP-M2300i/IP

### 2 Door IP Access Controller



### Product Description

The access controller unit is an intelligent unit with its own microprocessor and performs all access control functions without the need of interfacing with the host computer. XP-M2300i/IP is a 2 door IP access controller unit. This high capacity controller can perform better configurability and better security. It is designed to support 2 doors with maximum of 4 readers capability. This controller can be connected directly via IP LAN.

### Product Features

- Wiegand Interface**  
 Support Wiegand interface for accessing card reader.
- Encrypted IP**  
 The XP-M2300i/IP controller shall built in with encrypted IP with 128 AES format.
- Device Discovery**  
 The feature allows the software to detect all devices connected within the IP network for configuration and installation
- Global Antipassback Client**  
 The XP-M2300i/IP Controller also able to interface as GAC Client.
- Firmware Upgrade**  
 Able to upgrade firmware through Software.
- Door Interlocking**  
 2 In doors interlocking within the control panel, no external wiring is needed.

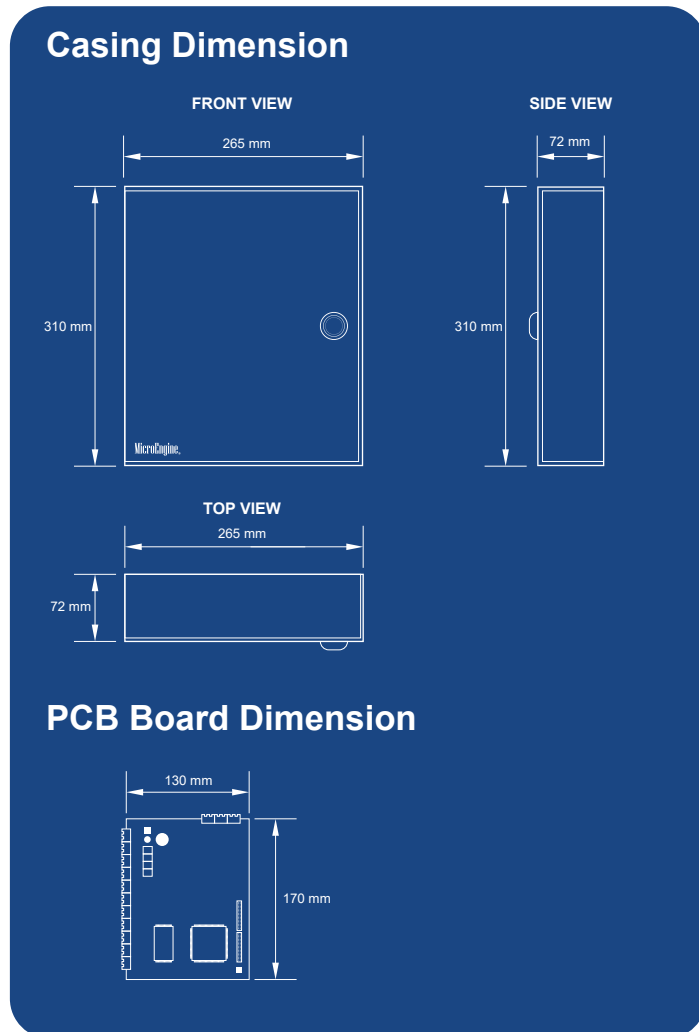
### Product Specification

Card Holder Size	30,000 (Card Length: 16 Digits)
Max. Transaction Log	50,000
Connect to Software	TCP/IP: Optional: RS485 via XP-UL10S
Connect to Reader	RS485 (PLATO Reader) / TTL (3rd Party Wiegand Reader)
PLATO Reader	Max 4 (PLATO Reader, 2 Entry & 2 Exit)
TTL Port	Max 2 (Configurable)
Input(s)	2 Door Sensor + 2 Exit Button. 1 Dedicated Fire Alarm. 1 Dedicated Tamper Input. 5 General Purpose.
Output(s)	4, Configurable - Dry/Wet & NO/NC (Support Max 12VDC, 1A) 2 Dedicated Door Relay. 2 General Purpose Relay Output (Max 12VDC, 1A)
Real-Time Clock	With On-Board Battery
Power Fail Monitor	Yes
Processor	PIC32-bit RISC MCU at 80 Hz
Data Flash Memory	EEPROM:128 KB x 2, Flash 4 MB
Flash	512 KB
PCB Board Dimension	170 mm (L) x 130 mm (W)
Casing Dimension	310 mm (H) x 265 mm (W) x 72 mm (D)
Power Supply	Input: 240VAC, 1A Output: 13.8VDC, 2.8A (Max)
Power Consumption	Typically 12VDC, 150mA (Controller board only)

**DISCLAIMER:-** Specifications are subject to change without prior notice

# Data Sheet | Controller

## Product Dimension



## Related Product

- ▶ XP-SNET-GAC/IPC
- ▶ XP-MK-UL10S
- ▶ PLATO-P80MS
- ▶ PLATO-P80KLS
- ▶ PLATO-S82
- ▶ PLATO-M82
- ▶ PLATO-K82
- ▶ MCI-XPC3000/s
- ▶ MCI-XPC3000
- ▶ MCI-XPC3500

## Ordering Information

### XP-SNET-GAC/IPC

Master Controller For Global Anti-Passback. Switching power supply battery charger. 12AH Sealed Lead-Acid Rechargeable Battery.

### PLATO-P80MS

Proximity Reader. 125 kHz EM. RS485. ABS Casing. MCMC Certified.

### PLATO-P80KLS

Proximity Reader with Keypad & LCD. 125 kHz EM. RS485. Smart Touch Sense Keypad. Graphic LCD Display. ABS Casing. MCMC Certified.

### PLATO-S82

MIFARE / CEPAS Contactless Reader. 13.56 MHz ISO14443A / B. RS485. ABS Casing. Small Size. MCMC Certified. (Replacement Model for PLATO-C80S)

### PLATO-M82

MIFARE Classic / DESFire Advanced High Security Multi-Format 13.56 MHz ISO14443A / B. Encrypted RS485 - Read CSN and Encrypted Profile ID. ABS Casing. MCMC Certified. (Replacement Model for PLATO-RM80MS)

### PLATO-K82

MIFARE Classic / DESFire Advanced High Security Multi-Format 13.56 MHz ISO14443A / B. Color Graphics LCD. Touch Sense Keypad. Encrypted RS485 - Read CSN and Encrypted Profile ID. ABS Casing. MCMC Certified. (Replacement Model for PLATO-RM80KLS)

### XP-MK-UL10S

Uplink RS485 Adaptor

### MCI-XPC3000/s

Standalone Software License Dongle xPortal3000

### MCI-XPC3000

xPortal3000 Client / Server Software License

### MCI-XPC3500

xPortal3500 Client / Server Software License Full edition, max 3 clients, max 64 controllers or 128 doors (whichever comes first)