MicroEngine®
Integrated Security Systems

XP-M4L-SE
IP Based Lift Access Controller

- ▶ **Wiegand Interface**
- ▶ **Encrypted IP**
- ▶ **Firmware Upgrade**
- ▶ **Device Discovery**
- ▶ **Support 4 lift and Up to 128 Floor Relays**
- ▶ **DIN-Rail Form Factor**

Product Description

XP-M4L-SE Controller IP Based Lift Access Controller is designed for lift button masking system, control up to 128 floor buttons and 4 lift cars. It has to work in conjunction with MicroEngine 32 Relay Output Extension Board to form a complete Lift Access Control System. Lift Access Control System allow authorized user to gain access to designated lift car and floors based on their user rights granted. User rights for lift car and floor accessibility are configured via MicroEngine Security Management System Software xPortalNet v1.7 and xPortal3500.

Product Features

- ■ **Wiegand Interface**
  Support Wiegand interface via XP-WG10S for accessing card reader.

- ■ **Encrypted IP**
  The XP-M4L/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.

- ■ **Firmware Upgrade**
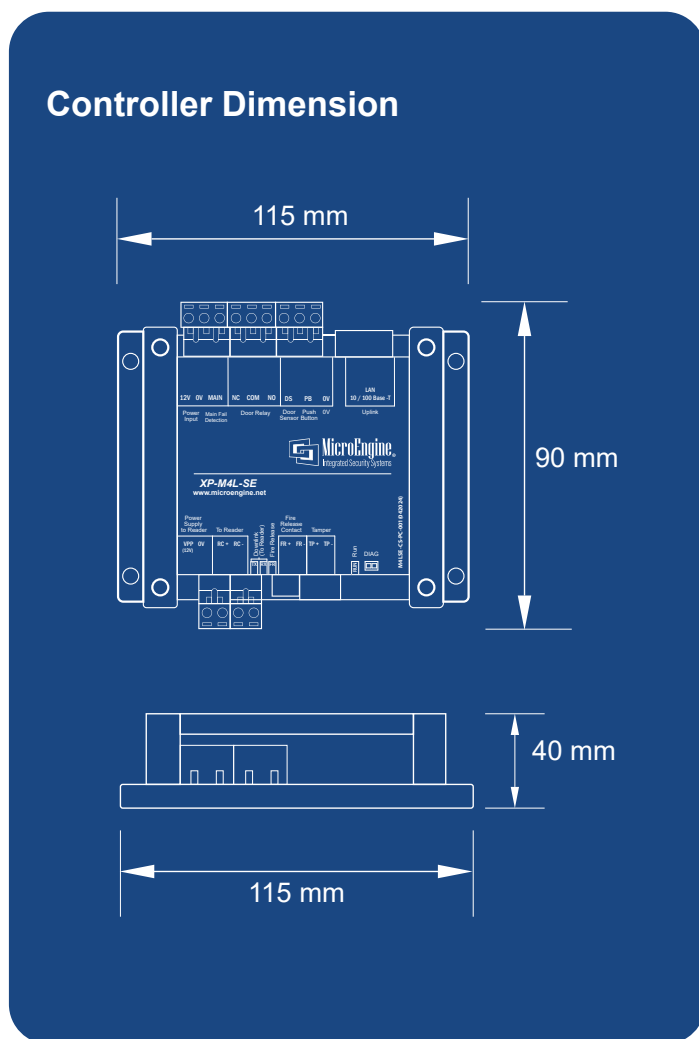 Able to upgrade firmware through Software.

Product Specification

No. of Lift	4
No. of Floor	Up to 128 Floors
No. of Reader	4 (PLATO Reader) 8 (PLATO Reader via XP-MK800E) 4 (Wiegand Reader via XP-MK-WG10S)
Connect to Reader	Serial RS485 PLATO-Reader Max. 4 units for 4 lifts Serial RS485 via Reader Interface Unit : XP-MK800E - Max. 4 units for 4 lifts Wiegand to Plato RS485 Adaptor : XP-MK-WG10S - Max. 4 units for 4 lifts
I/O Interface Module	32 Relay Output Board: XP-SNET-E32Rv5(VR) Max. 4 units for 128 Relay Outputs
Inputs	2 1 Dedicated Fire Alarm 1 Dedicated Tamper Input
Card Holder Size	10,000 (16 Digits)
Max. Transactions Log	50,000
Connect to Software	TCP/IP
Time Setting	255 Time Set & 255 Time Zone
Holiday Setting	30 x 1 Set
Floor Zone	255
Floor Accessibility	255
Real Time Clock	With On-Board Battery
Power Fail Monitor	Yes
Processor	PIC32-bit RISC MCU at 80Hz

Data Sheet | Controller

Data Flash Memory	EEPROM:128 KB, Flash 4 MB
Flash	512 KB
DIN-Rail Casing Dimension	115 mm (H) x 106 mm (W) x 40 mm (D)
Casing Dimension (MP-340)	267 mm(H) x 310mm (W) x 72 mm (D)
Power Supply	Input: 240VAC, 1A. Output:13.8VDC, 2.8A (max)
Power Consumption	Typically 12 VDC, 150mA (Controller board only)

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Product Dimension

Controller Dimension

Related Product

▶ XP-SNET-E32R

▶ PLATO-P80MS

▶ PLATO-S82

▶ PLATO-M82

▶ XP-MK800E

▶ XP-WG10S

▶ MCI-XPC3500/S

▶ MCI-XPC3500

▶ USB-XPNETHSV17PS

Ordering Information

XP-SNET-E32R
Alarm Controller. 32 Relay Output Extension Board. RS485 Link (Power Fail Safe).

PLATO-P80MS
Proximity Reader. 125 kHz EM. RS485. ABS Casing. MCMC Certified.

PLATO-S82
MIFARE / CEPAS Contacless Reader. 13.56 MHz ISO14443 A / 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 ISO14443 A / B. Encrypted RS485 - Read CSN and Encrypted Profile ID. ABS Casing. MCMC Certified. (Replacement Model for PLATO-RM80MS).

XP-MK800E
Reader Interface Unit.

XP-WG10S
Wiegand to Plato RS485 Adaptor.

MCI-XPC3500/S
xPortal3500 Standalone Software License Standalone edition, max 32 controllers or 64 doors (whichever comes first).

MCI-XPC3500
xPortal3500 Client / Server Software License Full edition, max 3 clients, max 64 controllers or 128 doors (whichever comes first).

USB-XPNETHSV17PS
xPortalNet v1.7 High Security Platform Server Edition Software License Dongle.