

Data Sheet | Reader

PLATO-P80MS

EM Proximity



- ▶ Communication using RS485
- ▶ EM Proximity Reader
- ▶ Pairs Seamlessly with PLATO Keypad Reader for Multi-verification.

Product Description

The PLATO-P80MS is a high-performance EM Proximity reader designed for secure access control systems. Its slim and stylish design makes it a great addition to any modern facility. Communication is established via RS485, ensuring reliable and fast data transmission. The reader offers improved security with its 16-digit card numbers and built-in buzzer, providing an audible notification of access events. With a maximum reading range of 7 cm, the PLATO-P80MS is a reliable and convenient solution for all your access control needs.

Product Features

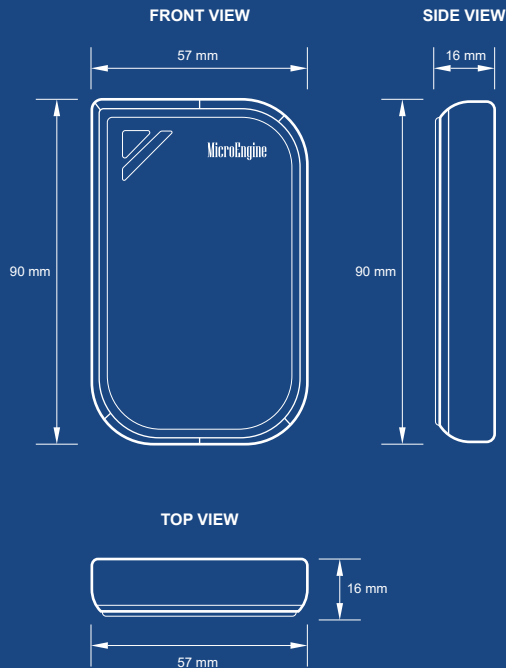
- **Communication using RS485**
Industrial specification for point-to-point communication. Capable to communicate with multiple controllers and devices.
- **EM Proximity Reader**
It uses an electromagnetic field to detect the presence of a card or key fob, which acts as an identifier for a person's authorized access to a specific area. The technology is commonly used in combination with a reader and a control system to allow or deny access based on the proximity of the card or key fob to the reader.
- **Pairs seamlessly with PLATO Keypad Reader for multi-verification**
Enhances security by requiring multiple verification methods when paired with a keypad reader, reducing unauthorized access risk.

Product Specification

Connectivity	RS485
LED Indicator	Blue and Red
RFID Frequency	125kHz
Reader Type	EM Compatible
Card Digits	16
Buzzer	Yes
Dimension (H x W x D)	90 mm x 57 mm x 16 mm
Epoxy	Yes
Weather Proof	Yes
Reading Range	Max 7 cm
Tamper Sensor	Yes
Material	Body - Polycarbonate Faceplate - Acrylic
Keypad	No
LCD	No
Input Voltage	12VDC
Current (Typical)	55mA @ 12VDC
Operating Temperature	0 - 50° Celsius
MCMC Certification	Yes

Product Dimension

Reader Dimension



Related Product

- ▶ XP-SNET/IPC
- ▶ XP-SNET5
- ▶ XP-SNET-GAC
- ▶ XP-SNET-GAC/IPC
- ▶ XP-M1000i-SE21
- ▶ XP-M1300i/IP
- ▶ XP-M2300i/IP
- ▶ XP-M4L-SE
- ▶ XP-MK800E
- ▶ PLATO-P80KLS
- ▶ USB-XPNETHSV17PS

Ordering Information

XP-SNET/IPC

5 Doors Ethernet Access Controller. 50,000 Users, 100,000 Event Transactions. TCP/IP communication. Power Supply 3A, 12VDC & 7AH Battery. Metal Enclosure. Support Door Access, Lift Access & Alarm Monitoring.

XP-SNET5

5 Doors Ethernet Access Controller. 5 RS485 In / Out / 5 Weigand Reader Connection. 8 Relay & 16 Input. 50,000 Users, 100,000 Event Transactions. RS485 Communication & TCP/IP. Power Supply 10A, 12VDC & 12AH Battery. Metal Enclosure. Support Door Access, Lift Access & Alarm Monitoring.

XP-SNET-GAC

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

XP-SNET-GAC/IPC

Master Controller For Global Anti-Passback. HENGFU switching power supply battery charger. 7AH Sealed Lead-Acid Rechargeable Battery.

XP-M1000i-SE21

1 Door Network Controller. Max 2 RS485, In & Out Readers Connection. 1 Relay Output & 4 Inputs. 10,000 Users, 50,000 Event Transactions. TCP/IP. Power Supply & Back Up Battery with Metal Enclosure.

XP-M1300i/IP

1 Door Network Controller. Max 2 RS485, In & Out Readers / 2 Weigand Reader Connection. 2 Relay Outputs & 6 Inputs. 30,000 Users, 50,000 Event Transactions. TCP/IP. Power Supply & Back Up Battery with Metal Enclosure.

XP-M2300i/IP

2 Door Network Controller. 2 RS485 In/Out / 2 Weigand Reader Connection. 30,000 Users, 50,000 Event Transactions. TCP/IP Uplink. Power Supply & Back Up Battery. Metal Enclosure

XP-M4L-SE

Lift Access Controller (4 COP Panel). 10,000 Users, 20,000 Event Transactions. Encrypted TCP/IP Uplink. Din Rail Type. (MK800E Reader Interface Required)

XP-MK800E

Reader Interface (for SNET version)

PLATO-P80KLS

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

USB-XPNETHSV17PS

xPortalNet v1.7 High Security Platform Server Edition