

PLATO-M82

MIFARE Classic /MIFARE DESFire EV1/EV2/EV3



Product Description

PLATO-M82 is a device that is designed to efficiently read and access secure data files stored on MIFARE DESFire cards. This device leverages the advanced security features of the MIFARE DESFire platform, which provides robust 128-bit encryption, to ensure that confidential information is protected at all times. This feature allows PLATO-M82 to provide reliable and secure access to the information stored on DESFire cards, making it an ideal solution for organizations looking high security system. The practically unbreakable encryption ensures that the data stored on the DESFire card is secure from unauthorized access, making PLATO-M82 a safe and secure choice for organizations in need of a high security access control system.

Product Features

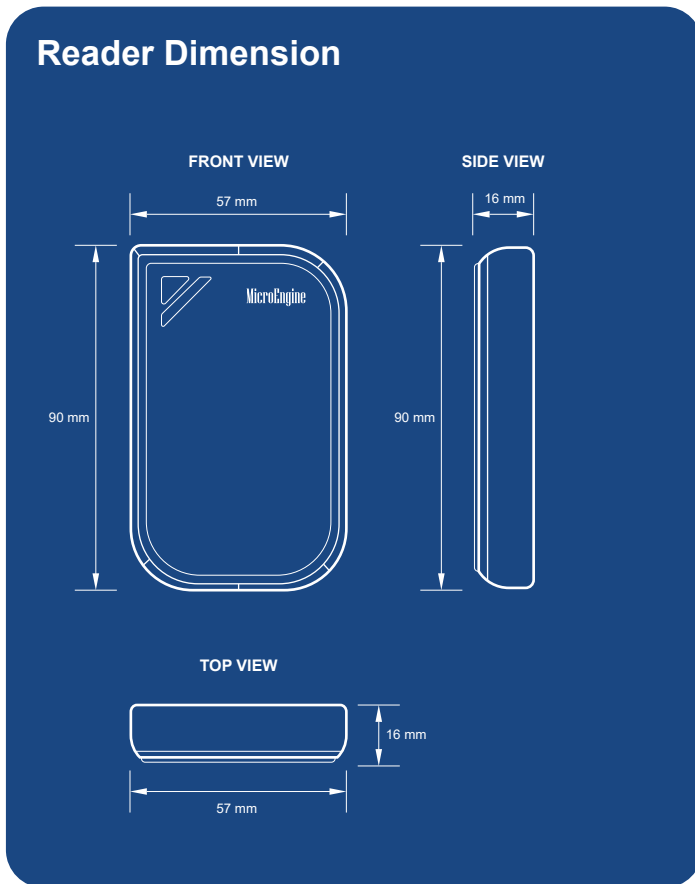
- **Communication using RS485**
 Industrial specification for point-to-point communication. Capable to communicate with multiples controllers and devices.
- **Supports MIFARE Sector Reading**
 An individual set of two keys per sector (per application) to support multi application with key hierarchy.
- **Better Security with 20-Digit Card Number**
 Mutual three-pass authentication and a unique serial number for each device.

Product Specification

Connectivity	Serial RS485
RFID Frequency	13.56 MHz
Credential Compatibility	ISO 14443A / ISO 14443B / MIFARE Classic / MIFARE DESFire EV1, EV2, or EV3
Card ID	MIFARE DESFire EV1/EV2/EV3 - (CID) - 20 digits / 64 bits + (CSN) - 17 digits MIFARE Sector Reading (CID) - 10 digits MIFARE Classic (CSN) - 20 digits
Card Serial Number	Yes
Reading Range	MIFARE DESFire EV3 (Max 2.5 cm) MIFARE DESFire EV2 (Max 2.5 cm) MIFARE DESFire EV1 (Max 2 cm) MIFARE Classic (Max 5 cm)
LED Indicator	Blue and Amber
Buzzer	Yes
Tamper Sensor	Yes
LCD	No
Keypad	No
Weather Proof	Yes, with Silicone
MCMC Certification	Yes
Dimension (H x W x D)	90 mm x 57 mm x 16 mm
Power Consumption	12VDC, 80mA
Operating Temperature	15° - 50° C
Casing Material	Polycarbonate (PC) with Acrylic Faceplate

* MIFARE and DESFire are reserved properties of NXP Semiconductor Austria GmbH Stryia

Product Dimension



Related Product

- ▶ XP-SNET/IPC
- ▶ XP-M1300i/IP
- ▶ XP-M1000i-SE21
- ▶ XP-M1000i
- ▶ XP-M2300i/IP
- ▶ XP-M4L/IP
- ▶ XP-M4L-SE
- ▶ XP-Q1200/IP
- ▶ XP-Q2200/IP
- ▶ XP-QNET
- ▶ XP-Q1200i-SE
- ▶ XP-QNET/IPC
- ▶ XP-MK800/E
- ▶ XP-MK820
- ▶ MCI-XPC3000/s
- ▶ MCI-XPC3000
- ▶ USB-XPNETHSV2.0PS
- ▶ 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-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/IP

Lift Access Controller (4 COP Panel). 10,000 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-Q2200/IP

2 Door Advanced Multi-Class MIFARE-DESFire & QR (Dynamic) Network Controller. High Security Dual ID Matching. Max 4 RS485, 2 In & 2 Out Readers / 2 Weigand Reader Connection. 4 Relay Outputs & 11 Inputs. 20,000 Users, 50,000 Event. Encrypted TCP/IP. Power Supply & Back Up Battery. Metal Enclosure.

XP-QNET

5 Door Multi-Function IP DESFire QR Network Controller. HENGFU Switching Power Supply Battery Charger. Back Up Battery. Metal Enclosure.

XP-Q1200i-SE

1 Door Advanced Multi-Class Mifare-Desfire & QR (Dynamic) Controller. High Security Dual ID Matching. 20,000 Users, 50,000 Event. Encrypted TCP/IP. Din Rail Type.

Data Sheet | Reader

XP-QNET/IPC

5 Door Multi-Function IP DESFire QR Network Controller. 3 Amp Switching Power Supply Battery Charger. 7AH Back Up Battery. Metal Enclosure. Support Door Access, Lift Access & Alarm Monitoring.

XP-MK800/E

Reader Interface Module for SNET.

XP-MK820

Reader Interface Module for QNET.

MCI-XPC3000/s

Standalone Software License Dongle xPortal3000.

MCI-XPC3000

xPortal3000 Client / Server Software License.

USB-XPNETHSV2.0PS

xPortalNet HS PS v2.0 Software License Dongle.

USB-XPNETHSV17PS

xPortalNet v1.7 High Security Platform Server Edition.