

## PLATO-K82

### PIN / MIFARE Classic / MIFARE DESFire EV1/EV2/EV3



### Product Description

The PLATO-K82 is a high security reader capable of utilizing MIFARE DESFire Card security features. PLATO-K82 provides a secure and reliable solution, designed for low-light environments and outdoor applications with keypads and LCD screen. PLATO-K82 featured with a built-in buzzer that can be used to alert users when access is attempted without a proper ID. Protect your business from the unexpected with a better security with 20 digit card number, the perfect solution for your business.

### Product Features

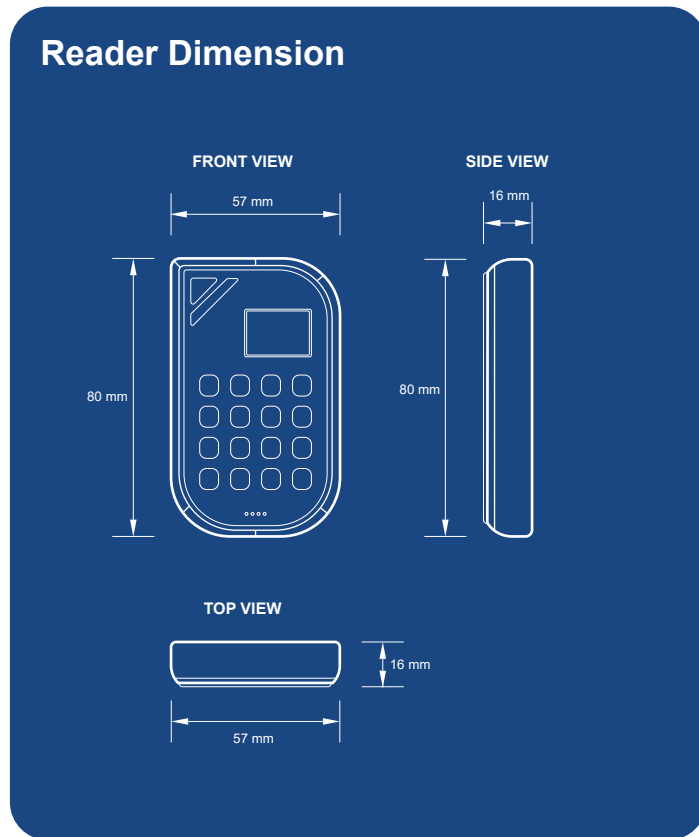
- Communication using RS485**  
 Industrial specification for point-to-point communication. Capable to communicate with multiples controllers and devices.
- Supports MIFARE Sector Reading**  
 An individual set of two keys per sector (per application) to support multi application with key hierarchy.
- Better Security with 20-Digit Card Number**  
 Mutual three-pass authentication and a unique serial number for each device.
- Touch Sense Keypad and Colour LCD**  
 Touch Sense Keypad and colour LCD is a way to access system, suitable for low-light environment for that extra touch of convenience.
- Multiple Verification Mode-Card or ID**  
 Multiple methods to confirm identity before granting access to resources. This reduces unauthorized access risk by using a combination of verification.

### Product Specification

Connectivity	Serial RS485
RFID Frequency	13.56 MHz
Credential Compatibility	ISO 14443A / ISO 14443B / MIFARE Classic / MIFARE DESFire EV1 or 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 EV2 or EV3 (Max 2.5 cm) MIFARE DESFire EV1 (Max 2.0 cm) MIFARE Classic (Max 4.0 cm)
LED Indicator	Blue and Amber
Buzzer	Yes
Tamper Sensor	Yes
LCD	Yes
Keypad	Yes
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, 125mA
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-SNET5
- ▶ XP-SNET-GAC
- ▶ XP-SNET-GAC/IPC
- ▶ XP-M1000i-SE21
- ▶ XP-M1300i/IP
- ▶ XP-M2300i/IP
- ▶ XP-M4L-SE
- ▶ XP-MK800E
- ▶ XP-MK-UL10S
- ▶ USB-XPNETHSV17PS
- ▶ USB-XPNETHSV2.0PS
- ▶ XP-Q1200/IP
- ▶ XP-Q1200i-SE
- ▶ XP-Q2200/IP
- ▶ XP-QNET
- ▶ XP-QNET/IPC

## 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)

### XP-MK-UL10S

Uplink RS485 Adaptor

### USB-XPNETHSV17PS

xPortalNet v1.7 High Security Platform Server Edition

### USB-XPNETHSV2.0PS

xPortalNet HS PS v2.0 Software License Dongle.

## Data Sheet | Reader

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### **XP-Q1200/IP**

1 Door Advanced Multi-Class MIFARE - DESFire & QR (Dynamic) Network Controller. High Security Dual ID Matching. Max.2 RS485 In & Out Readers/ 2 Weigand Reader Connection. Relay Outputs & 6 Inputs. 20,000 Users, 50,000 Event. Encrypted TCP/IP. Power Supply & Back Up Battery with Metal Enclosure.

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### **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.

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### **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.

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### **XP-QNET**

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

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### **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.

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