

Data Sheet | Controller

XP-Q2300iCA-CP

2 Door IP Access Controller



Product Description

XP-Q2300iCA-CP Controller is two door IP access controller designed with proven and reliable technology. The XP-Q2300iCA-CP Controller is built in with Encrypted IP contains all the intelligence and necessary inputs/outputs to manage each door. This high capacity controller can support up to 20 digits of card number format.

Product Features

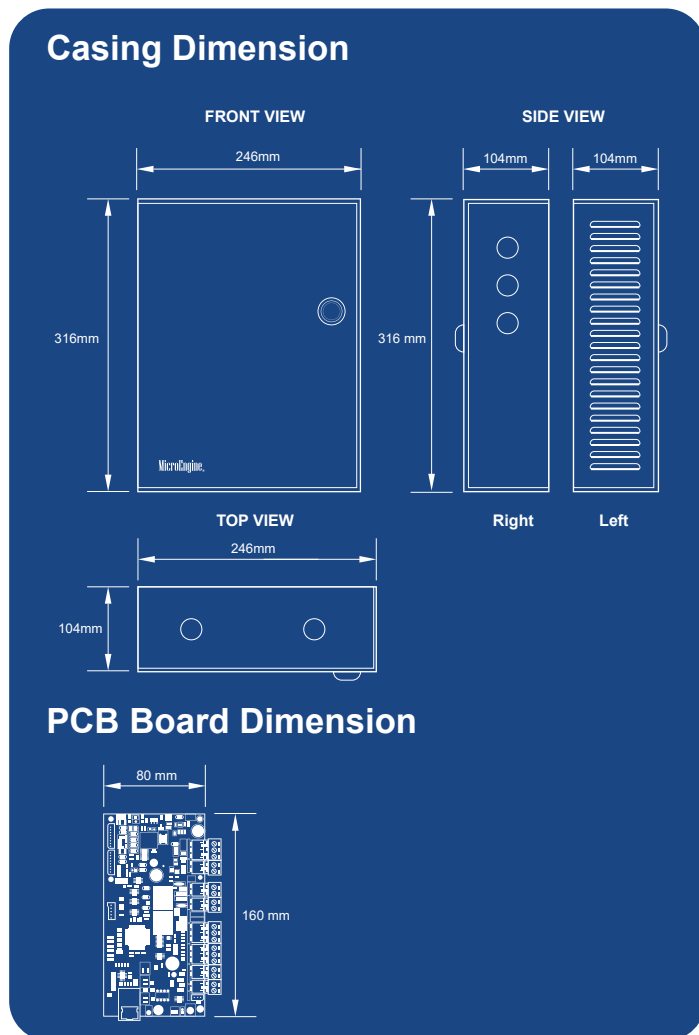
- Wiegand Interface**
 Support Wiegand interface for accessing card reader.
- Encrypted IP**
 The XP-Q2300iCA-CP controller built in with encrypted IP with AES 256 format.
- Device Discovery**
 The feature allows the software to detect all devices connected within the IP network for configuration and installation.
- Global Antipassback Client**
 The XP-Q2300iCA-CP Controller also able to interface as GAC Client.
- Firmware Upgrade**
 Able to upgrade firmware through Software.

Product Specification

Card Holder Size	30,000 (Card Length: 20 Digits)
Max Transactions Log	50,000
Connect to Software	TCP/IP
IP Encryption Strength	AES 256
Connect to Reader	RS485 (PLATO Reader) (3rd Party Wiegand Reader)
PLATO Reader	Max 4 (PLATO Reader, 2 Entry & 2 Exit)
Wiegand Reader Port	Max 2 (1 Entry & 1 Exit)
Input(s)	2 Door Sensor + 2 Exit Button 1 Dedicated Tamper Input
Output(s)	2 Dedicated Door Relay Configurable Dry/Wet & NO/NC (Support max 12VDC, 1A)
Real-Time Clock	With On-Board Battery
Power Fail Monitor	Yes
Processor	PIC32-32bit MIPS MCU at 80 MHz
Data Flash Memory	EEPROM: 256 KB x 2, Flash 4 MB
Flash	512 KB
PCB Board Dimension	160 mm (L) x 80 mm (W)
Casing Dimension	316mm (H) x 246mm (W) x 104mm (D)
Power Supply	Input: 230VAC, 1.2A Output: 13.8VDC, 4.5A (Max)
Power Consumption	Typically 12VDC, 150mA (Controller board only)

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Product Dimension



Ordering Information

XP-Q1300i-CA25

1 Door Network Controller. Max 2 RS485, In & Out Readers Connection. TCP/IP Uplink. AES-256 Encrypted IP. 1 Relay Output & 4 Inputs. 30,000 Users, 50,000 Event Transactions. Din Rail Type.

XP-M4L-CA25

Lift Access Controller (4 COP Panel). 30,000 Users, 50,000 Event. Transactions. Encrypted TCP/IP Uplink. AES-256 Encrypted IP. DIN Rail Type. (MK800CA Reader Interface Required)

XP-QNET-GAC-CA

Master Controller For Global Anti-Passback. AES-256 Encrypted IP. 12V Switching Power Supply with Integrated Battery Charger. 12AH Sealed Lead-Acid Rechargeable Battery. Metal Enclosure.

PLATO-M82-CA

Advanced Multi-Format 13.56 MHz ISO14443A/B Reader Supports MIFARE Classic / DESFire. Encrypted RS485. Reads CSN and Encrypted Profile ID. ABS casing. MCMC certified.

xPortalNetHSv2.0PS-CA

xPortalNet v2.0 High Security Platform AES 256 Software.

Related Product

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- ▶ PLATO-M82-CA
- ▶ xPortalNetHSv2.0PS-CA