MicroEngine®

Integrated Security Systems

Plato-Q80MS

QR CODE READER

- Supports OnPremQR™ System
- Multiple Access Tokens
- Anti-Clone using Dynamic QR
- Data Encrypted using AES128
- Cardless Access System
- Easy to Use

1300-88-3925 or enquiry@microengine.net

www.microengine.net

REG No. 749921389

ME MOBILE ACCESS APP

- Available from iOS and Google Playstore
- On-Premise / Cloud Mode
- Encryption Using Industial Strength AES128 Standard
- Generates Dynamic QR Code (Ever-Changing) for Enhanced Security
- Multiple Badges per User

Plato-Q80MS
(QR Code and Mifare Card Reader)

Features	Description
Connectivity	RS485
Power Consumption	12Vdc, typically 160 mA (1.92W)
LED Indicator	Red and Blue
Reader Type	Compatible with DesFire and ISO14443A
Buzzer	Yes
Size (H x W x D in mm)	90mm (H) x 57mm (W) x 16mm (D)

XP-QR1000i
(Encrypted IP 1 Door QR Controller)

Features	Description
No. of Doors	1 Door
No. of Readers	Max 2 Readers (Plato-Q80MS)
Connection to PC	IP LAN (10/100 Base-T)
Connection to Reader	RS485
Card Holders	10,000
Transactions	50,000
Door Relay Output	1
Extra Relay Output	Yes (1) - Configurable
Encrypted IP	Yes - AES128 Encryption
Real Time Clock	Yes - with onboard battery
Power Fail Monitor	Yes - with Power Level Monitoring
Diagnostic	Yes - Using Web-based Diagnostic
Onboard LED Indicators	Yes - Input, Output, Run, Diagnostic, Error
Onboard Buzzer	Yes
Processor	Microchip PIC32 - 32-bit RISC MCU at 80MHz
Memory	Program (FLASH: 512KB); Data (EEPROM: 128KB, FLASH: 4MB)
Casing Dimension	235mm (H) x 227mm (W) x75mm (D)
Power Consumption	Typically 400mA (Controller Board Only)
Mifare Sector Reading	Yes
Operating Temperature	10 - 45°C

Specifications are subjected to changes without prior notice