

ENTRYPASS QR CODE SERIES

Entrypass QR Code Reader and Module

Features

- Entrypass QR series consists of QR code reader and module that enables transformation of user experience in the access control and visitor management environment with more convenience, speed and security.
- Read full 56 bits UID, Application & Files Content of DesFire EV1 / EV2 card and Support QR code.
- Support on site Reader Configuration Card to change certain parameters.
- Support 3DES & AES encrypted communication between the reader and card.
- Tamper protection



All weatherproof design with IP65.



Universal back plate allows the reader to be installed in different size of gang box.



All input and output signals are protected against static charges.

12V

All inputs are 12V DC protected.



Non-drop bottom screw made servicing handier.



Reverse power protection.

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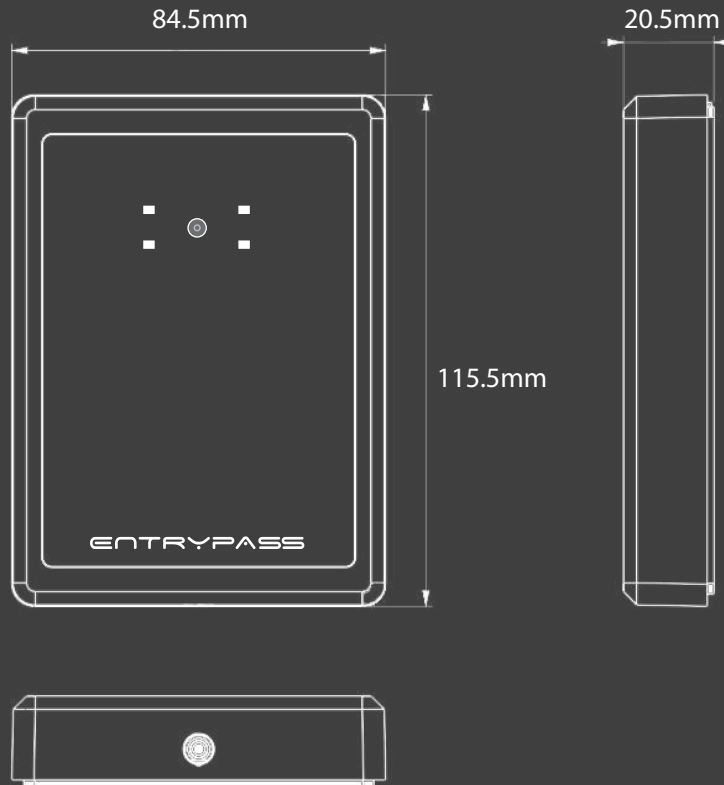
Technical Specification

| Model | EP.QR3001M (Module only) EP.QR3001M.WIE | EP.QR3002R EP.QR3002R.WIE | EP.QR3003MDBR EP.QR3003MDBR.WIE | EP.QR3004MDR |
|--|--|---|------------------------------------|--|
| Dimension | 88mm*75mm*17.5mm | 115.5mm*84.5mm*20.5mm | | |
| Weight | 50g | 210g | | |
| Communication Interface RS-485 (OSDP) <small>*Read only Entrypass QRCode through secured channel</small> | EP.QR3001M | EP.QR3002R | EP.QR3003MDBR | EP.QR3004MDR |
| Baud Rate | 9600 (Default) | | | |
| BLE Ready | N/A | Yes | | N/A |
| Reading Technologies | QR code only | QR Code, BLE ,NFC Card Supported (Mifare & DesFire EV1 & EV2) | | QR Code ,Card Supported (Mifare & DesFire EV1 & EV2) |
| Read Range | QR: 4-10 cm | QR: 4-10 cm RFID (13.56Mhz): 1-4cm | | |
| Card Technology | N/A | ISO 14443A CSN Mifare CSN / Sector Desfire (EV1,EV2) CSN / Content | | |
| Standard | Bar code | EAN-8, EAN-13, EAN-13 2 add-on, EAN-13 5 add-on, ISBN, UPC-A, UPC-E, Code 39,Code 39FULL ASCII, Code 93, Code 32, Code 128, Bar Code, Interleaved 2 of 5. | | |
| | QR code | PDF417, Data Matrix, QR-code | | |
| Input Voltage | 12VDC | | | |
| Operating Current | 250mA (max) | | | |
| IP Rating | IP65 | | | |
| Resolution | 640*480 CMOS | | | |
| Scanning Angel | +/- 70°for left & right, +/- 60°for front & back | | | |
| Minimum Resolution | 6.6 mil | | | |
| Operating Voltage | 9 - 24VDC | | | |
| Operating Temperature | -20°C to55°C | | | |
| Operating Humidity | 10% - 90% | | | |
| Case material | PC+ABS | | | |
| Standard color | Black | | | |

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Dimension



Ordering Information

| | |
|-------------------|--|
| EP.QR3001M | Entrypass QR Reader Module |
| EP.QR3001M-WIE | Entrypass QR Reader Module with Wiegand Protocol |
| EP.QR3002R | Entrypass QR Reader |
| EP.QR3002R-WIE | Entrypass QR Reader with Wiegand Protocol |
| EP.QR3003MDBR | Entrypass QR Reader that support Mifare classic, Desfire EV1/EV2 & Bluetooth enabled |
| EP.QR3003MDBR-WIE | Entrypass QR Reader that support mifare classic, Desfire Ev1/Ev2 & bluetooth enabled with Wiegand Protocol |
| EP.QR3004MDR | Entrypass QR Reader that support Mifare classic & Desfire EV1/EV2 |



www.entrypass.net

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