

X3 Palm Vein multi-technologies reader adopts Fujitsu PalmSecure technology and also embedded Bluetooth, QR code and different kinds of contactless smart card technologies, it becomes a perfect design for true-contactless and high accuracy contactless smart card, mobile device cross-platform application.

X3 reader is suitable for indoor installation environment, it made high quality material to ensure enhanced reliability and long-term duration.

Reader has wiegand and scramble encryption output which suitable for different security level applications.

Embedded Bluetooth technology can read the encrypted virtual credential number from Android phone and iPhone.

QR Code scanner can read the scramble QR code as a credential number from Android phone and iPhone. virtual



KEY FEATURES

- Fujitsu Palmsecure-F Pro Technology, 1:1,000 (1:N) less than 1 second
- QR Code scanner with backlight, 4cm to 22cm read range
- The reader can read the scramble QR code by ACX mobile APPS for access control system
- The reader can read the fixed QR code image by mobile or label for visitor management system
- 2.4GHz Bluetooth 4.0+ works with ACX mobile apps
- 13.56Mhz Card technology includes LEGIC Prime and Advant, CSN for Mifare Classic, Mifare Plus, Mifare DESFire , SONY Felica and PicoPass
- RED / Green / Blue or mixed color reader LED for visual notification, reader buzzer for audio notification
- User defined reader's visual and audio notification for access granted and access denied
- Optical sensor for tamper protection, I am alive feature
- Reader outputs Wiegand and ACX proprietary scramble encryption RS485 format
- Reader LAN cable for clock synchronous and for visitor management system (API provided)

Specification

| X3 Bluetooth QR Code card multi-technologies Reader | |
|---|--|
| Item No. | X3T8 |
| Palm Vein Sensor | Fujitsu Palmsecure-F Pro, I33-format |
| FAR / FRR | FAR : 0.00001%, FRR : 1% (no retry) |
| Palm Vein Controller | Works with ACX 8800 Palm Vein Controller |
| Card Technology | 13.56MHz LEGIC Prime and Advant, 2.4GHz Bluetooth 4.0 13.56Mhz CSN of Mifare Classic, Mifare Plus, Mifare DESFire EV1, SONY Felica & PicoPass |
| Reader output | ACX Proprietary scramble RS485 output and wiegand output max. 64 bits card number output |
| QR Code min. resolution | 5 mil, 1 mil = 0.0254mm |
| QR Code resolution | 640 x 480 |
| QR Code scanning angle | ± 60° for left & right, ± 40° for front and back, 360° rotation |
| QR Code scanning range | 4cm to 22cm |
| Typical Read Range | Bluetooth Technology : 0.5m to 10m Typical read range achieved in air; different types of metal will cause some degradation Use spacers to space product off metal and improve read range if required. |
| I am alive | User define 1 bytes "I am alive" data in a certain interval |
| Reader cable | CAT 5 and Pigtail 10 wires |
| Mounting | Wall Switch Size; designed to mount and cover single gang switch boxes primarily used in the Americas and includes a slotted mounting plate for European and Asian back box spacing |
| Visual indicator | LED line in RED / Green / Blue / Amber / Purple / White / Light Purple color, user defined LED ON / OFF time interval |
| Audio indicator | Internal buzzer, user defined beep sound ON / OFF time interval (ms) |
| Color | Black or White |
| Dimension | 80 mm x 130 mm x 20 mm |
| Product weight | 160g |
| Operating Voltage | 9-16 VDC, Linear supply recommended |
| Operating Current | 150mA AVG, 120mA PEAK |
| Operating Temperature | - 31° to 150° F (-35° to 65° C) |
| Storage Temperature | -67° to 185° F (-55° to 85° C) |
| Operating Humidity | 5% to 95% relative humidity non-condensing |
| Housing Material | Polycarbonate |
| Cable Distance | RS485 interface: 4000 feet (1200 m), Wiegand interface : 500 feet (150m) Recommended cable is ALPHA 1295 (22 AWG) 5 conductor minimum stranded with overall shield or equivalent |