



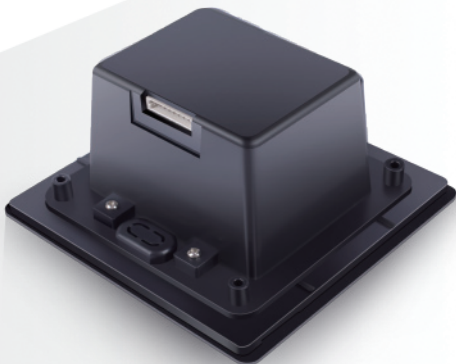
RT840

2D WIEGAND BARCODE SCANNER

RT840 is a special 2D scanner used for embedding in access control device. The biggest advantage of this scanner is that it has its own Wiegand interface, it does not need any Wiegand adapter when it is connected to access control devices. If you are finding a barcode scanner that can be worked with your access control device via wiegand interface, RT840 is your best choice.

It can read printed code from paper and code from mobile phone screen. It also can read NFC card (optional).

Features:



- ▶ With Wiegand interface
- ▶ Omnidirectional scanner
- ▶ Hand-free and automatic scanning operation
- ▶ 1D & 2D barcode scan, QR, Aztec, etc.
- ▶ NFC (optional)

Mechanical

| | |
|--------------------|----------------|
| Dimensions (LxWxH) | 78mm×68mm×62mm |
| Weight | 112 g |

Electrical

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|------------------------|--|
| Voltage | 5 VDC±10% |
| Operating current | 200mA |
| Light Source | illumination: 6500K LED |
| Host System Interfaces | Wiegand, USB HID-KBW, USB virtual COM, RS232 |

Environmental

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|-----------------------|---|
| Operating Temperature | -5°C to 45°C |
| Storage Temperature | -40°C to 60°C |
| Humidity | 5% to 95% relative humidity, non-condensing |
| Drop | withstand 1.0 m drops to concrete |
| Ambient Light | 0 to 100,000 lux |

Scan Performance

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|--------------------|---|
| Scan Pattern | Area Imager |
| Optical Resolution | CMOS 640*480 pixels |
| Scan Angle | Omnidirectional |
| Symbol Contrast | 30% minimum reflectance difference |
| Scan Angle | Roll: 360°, Pitch: ±60°, Skew: ±40° |
| Decode Capability | 2D: PDF417, QR Code, Data Matrix, GM Code, Aztec, Micro QR, Micro PDF417, etc. 1D: Code 128, EAN-13, EAN-8, Code39, GS1, UPC-A, UPC-C, Code11, Code93, Codebar, etc. |

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| Typical Depth of Field | 30mm-150mm (would differ for different size & density of the code) |
|------------------------|--|

