



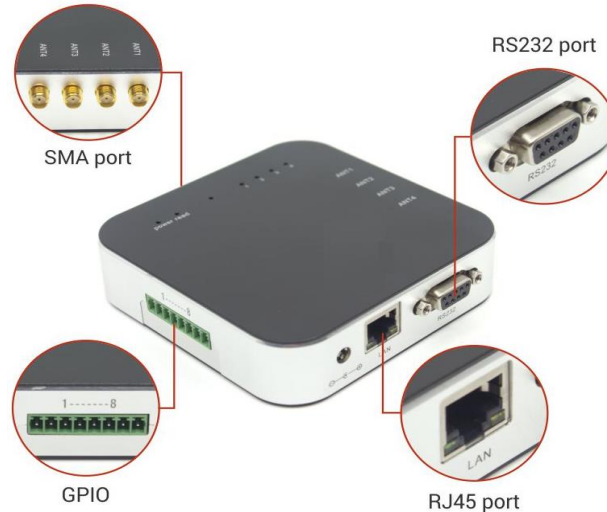
RFO CWR1000 UHF RFID Reader

Product Description

Main Features

The RFO CWR1000 is a high-performance four-channel fixed UHF reader. The core chip adopts Impinj R2000 module with high integration and excellent performance. With Stable and reliable capacity, excellent anti-electromagnetic interference capability and heat dissipation performance, it meets the requirements for installation and application of various indoor and outdoor environments and can be applied in multiple industries with strict RFID application standard such as warehouse management, archives and library management, bank, clothing and footwear retail, jewelry monitoring, watch industry, laundry, production line management, medical instrument cabinet and vending machines.

Product pictures



| | | |
|--|---|--|
| Article no: | Standard | RFO CWR1000 |
| Typical Applications | | |
| <ul style="list-style-type: none"> •Manufacturing •Security •Waste management •Logistics | <ul style="list-style-type: none"> •Health Care •Asset management •Food •Transportation | <ul style="list-style-type: none"> •Service Maintenance & Diagnostics •Automotive •Retail & POS •Home Automation |

Contact:

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| Technical Specifications | | RFO CWR1000 |
|--|---|--------------------|
| Physical Characteristics | | |
| Dimensions | 102.8 mm(L) x 102.8 mm(W) x 28 mm(H) | |
| Weight | 329 g / 11.6 oz. (without antenna) | |
| Material | Aluminium alloy | |
| Power | DC 9V – 12V | |
| Standby Current | < 30mA | |
| Work Current | 800mA +/-5% @ DC 12V Input | |
| Comm Interface | RS232 / RJ45 Ethernet (10/100 Base-T Ethernet) | |
| GPIO | 2 channel input optical coupling, 1 channel output electric relay, 1 channel output optical coupling (in reserve) | |
| Baud Rate | 115200 bps | |
| Cooling Mode | Air cooling | |
| UHF Reader | | |
| Frequency | 865-868 MHz / 920-925 MHz / 902-928 MHz | |
| Engine | CM2000-4 module based on Impinj Indy R2000 | |
| Antenna | Supporting a variety of antennas, such as 6dBic, 9dBic | |
| Output Power | 1W (30dBm, support +5~+30dBm adjustable) 2W Optional (33dBm, support +10~+33dBm adjustable, for Latin America, etc.) | |
| Output Power Precision | +/- 1dB | |
| Output Power Flatness | +/- 0.2dB | |
| Receive Sensitivity | < -84dBm | |
| Fastest Read Rate | 900+ tags/sec | |
| RSSI / Ambient Temp / Antenna Detector | Supported | |
| Antenna Port | 4 channel 50Ω SMA port | |
| Environment | | |
| Operating Temperature | -13oF to 149oF / -25 °C to 65 °C | |
| Storage Temperature | -40oF to 185oF / -40 °C to 85 °C | |
| Humidity | 10% - 95% | |