This high-performance 4-port UHF RFID reader is driven by powerful M6e UHF RFID reader module and is compatible with both corporate IT infrastructures and sheltered outdoor environments.

This high-performance 4-port UHF RFID reader is Power over Ethernet (PoE) capable and has optional Wi-Fi network connectivity. It offers a maximum read distance of up to 30 ft and is capable of reading 400 tags per second in typical read zone environment. The reader has an IP52 protection rating and has a water and dust resistant design for industrial, outdoor and rugged service requirements. Moreover, it boasts a common programming interface for enterprise RFID solution development.

Key Features

- Small form factor, rugged service operating capabilities
- High transmit power
- PoE capable
- High performance even in harsh environments
- Max EPC ID length up to 496 bits
- Complies with EPC global Gen 2 (ISO 186000-6C) with DRM
### Technical Specifications

<table>
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<tr>
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<th>Description</th>
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<tr>
<td><strong>Tag/Transponder Protocol</strong></td>
<td>RFID Protocol: EPCglobal Gen2 (ISO 18000-6C) with DRM ISO 18000-6B (optional) IP-X (EM 412x) (optional)</td>
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<td><strong>UHF RFID Antenna Interface</strong></td>
<td>Interface: Four RP-TNC connectors RF Power Output: Separate read and write levels, adjustable from 5 dBm to 31.5 dBm* (1.4W) with +/-0.5 dBm accuracy above +15 dBm Frequency: 902 MHz to 928 MHz (FCC; NA, SA) 865.6 MHz to 867.6 MHz (ETSI; EU) 865 MHz to 867 MHz (MCIT; India)</td>
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<tr>
<td><strong>Data/Control/Wireless Interfaces</strong></td>
<td>Connectors: RJ45 (10/100 Base-T Ethernet) USB Type B (console port) USB Type A (accessory port) HD15 (GPIO interface) 5.54 mm sealed connector (DC power) Reverse polarity SMA jack (optional Wi-Fi antenna) Wireless: Internal 802.11 b/g (optional) WEP 40-bit and 104-bit keys; WPA &amp; WPA2 keys or EAP-TLS USB type A interface permits future support for external wireless technologies. Indicators, Switches, and GPIOs: 1 two-color LED status indicator; Reset switch; Isolated GPIOs; 4 Inputs &amp; 4 Outputs plus +5 VDC and grounded references</td>
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<td><strong>Regulatory &amp; Safety</strong></td>
<td>Regulatory: FCC 47 CFR Ch.1 Part 15 Industry Canada RSS-210 ETSI EN 302 208 V1.2.1 Other: RoHS compliant per EU directive 2002/95/EC, UL Listed (Pending)</td>
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<td><strong>Performance</strong></td>
<td>Max Tag Read Rate: Over 400 tags/second Max Tag Read Distance: Over 30 feet (9 m) with 6 dBi antenna (36 dBm EIRP) Max EPC ID Length: Up to 496 bits</td>
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<td><strong>Power</strong></td>
<td>Power Over Ethernet: Power over Ethernet 802.3af in both modes A and B (Supports 100 m cable).</td>
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### External DC Power
- 10 V to 30 V DC supply voltage
- Maximum DC power: 15 W

### Architecture
- Operating System: Linux kernel version 2.6

### Environment
- Operating Temperature: -20 °C to 50 °C
- Storage Temperature: -40 °C to 85 °C
- Dust and Water Immunity: IP52
- Humidity: 5% to 95%, non-condensing

### Physical
- Dimensions: 19 cm x 17.8 cm x 3.4 cm
  (7.5 in. x 7.0 in. x 1.3 in.)
- Weight: 2 lbs (0.09 kg)

### OS Features
- Networking: Cisco-certified DHCP & DNS-based configuration and firmware management, TCP/IP networking stack
- Security: SSL/SSH-based security
- Web-Based Control: Configuration and Monitoring from a web browser; HTTP/HTTPS