This UHF Gen 2 4-port RFID reader can be widely applied in many RFID application systems such as logistics, access control, anti-counterfeit and industrial production process control systems.

This 4-port RFID reader is connected via Ethernet and uses PoE as a power source. The UHF EPC Gen 2 Class 1 reader provides a long read range of 12 meters with Dogbone tags as well as a high read rate of 300 tags per second. High performance combined with affordable pricing makes the compact RFID reader one of the best solutions in the industry. It has been widely used in many RFID application systems such as logistics, access control and industrial production process control systems.

Key Features

✓ 4 antenna ports
✓ Long read range of 12 meters depending on tag
✓ High read rate 300 tags/second
✓ Dense reader mode available
✓ Ethernet connectivity
✓ Best price/performance ratio

Applications

✓ Retail jewelry
✓ Asset management
✓ Logistics
✓ Quality control
✓ Production line management
✓ People tracking
✓ Cold chain management
✓ Library management
### Technical Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>272 mm × 153 mm × 25 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.7 Kg</td>
</tr>
<tr>
<td>Read Range</td>
<td>Up to 12 meters (tag and antenna dependent)</td>
</tr>
<tr>
<td>Read Rate</td>
<td>300 tags / second</td>
</tr>
<tr>
<td>Protocol</td>
<td>ISO18000-6C, EPC UHF Class 1 Gen 2 Dense Reader Mode available (Class 3 Gen 2 compliant)</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>One of the following: 865-868 MHz, 865-867 MHz, 902-928 MHz, 922-928 MHz, 920-925 MHz, 915-922 MHz</td>
</tr>
<tr>
<td>Output Power</td>
<td>30 dBm at RF connector</td>
</tr>
<tr>
<td>RF Connectors</td>
<td>Reverse Polarity SMA Jack</td>
</tr>
<tr>
<td>External Control</td>
<td>2 x GPO and 2 x GPI</td>
</tr>
</tbody>
</table>
| Environment    | Operating Temperature: -20°C to 50°C (-4°F to 122°F)  
                  Storage Temperature: -40°C to 85°C (-40°F to 185°F)  
                  Humidity: 95% Non-condensing |
| Usage          | Indoor use only, NEMA enclosure box is required for protection in outdoor environment |
| Connectivity   | Ethernet, USB, Serial (RS232) |
| Power Supply   | DC supply (12 V, 2.5 A), or use PoE (PoE+ or IEEE802.3at required) |
| Order Code     | 236031-N  
                      N=1: 865-868 MHz (Europe) & 865-867 MHz (India), N=2: 902-928 MHz (USA), N=4: 922-928 MHz (Taiwan)  
                      N=7: 920-925 MHz (China, Australia, Malaysia, Hong Kong etc.), N=8: 915-922 MHz (Japan) |