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This UHF 4-port fixed RFID reader possesses many outstanding features including easy integration, low setup and running cost and remote firmware management. It communicates via the high performance Alien Reader Protocol, with key RFID platform support including Microsoft® BizTalk RFID, OatSystems, Oracle®, and Xterprise. It has Power over Ethernet functionality which can use power from any existing Ethernet infrastructure, eliminating the need for external power supplies. A PoE power injector is provided to supply power if PoE is not available. It offers 4 antenna connection ports which significantly reduce the cost and complexity of installing an RFID read point. It also supports autonomous mode of operation that reduces network traffic and minimizes central processing. In addition, a well-documented SDK featuring .NET, Java and Ruby libraries enables easy development of custom interfaces to control the reader if desired.



Key Features

- ✓ Easy to integrate
- ✓ Provides Power over Ethernet function and remote firmware management
- ✓ Equipped with 4 mono-static reader ports
- ✓ Can be set up in areas with no power
- ✓ Low setup and running cost

Technical Specifications

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| Model Number | 216004 |
| Supported RFID Tag Protocols | EPC Gen 2; ISO 18000-6c |
| Reader Protocol | Alien Reader Protocol, firmware upgradable |
| LAN Protocols | TCP/IP, NTP, DNS, DHCP, SNMP |
| Dense Reader Management | Dense Reader Mode, Auto event triggering and event management |
| Frequency | 902.75 MHz – 927.25 MHz |
| Channels | 50 |
| Channel Spacing | 500 kHz |
| RF Power | Max; 4 watts EIRP |
| Power | 24 VDC supplied via an AC/DC power converter or PoE (IEEE 802.3af). Unit ships with a Power Sourcing Equipment (PSE) module |
| Communications | LAN TCPI/IP (RJ-45), RS-232 (DB-9 F) |
| Antennas | Four with RTNC connector |
| General Purpose Inputs/Outputs | 2 inputs, 2 outputs, TTL compatible |
| Dimensions | (L) 7 1/4" x (W) 9 1/2" x (D) 1 1/4" without mounting flange (L) 18.41 cm x (W) 24.13 cm x (D) 3.17cm (W) 10 5/8" / 27cm with mounting flange |
| Weight | 2lbs (0.91 kg) |
| Operating Temperature | -20°C to +70°C (-4°F to +158°F) |
| LED Indicators | Power, LAN Link, LAN Active, RF On, Read, Fault |
| Software SDK | Java, .NET, Ruby APIs |
| Vibration | MIL STD 810 514.5C-3 Composite wheeled vehicle profile |
| Shock | 40 G's Acceleration, 11 ms duration, sawtooth waveform |
| Compliance Certification | Emissions: FCC Part 15 Safety: cTUVus tested to: CAN/CSA–C22.2 No.60950-1-03, and UL |

60950-1:2007 specifications
IEC 60950-1 and EN60950-1



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