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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

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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