This UHF Gen 2 RFID reader/writer is equipped with a port for a second external antenna connection that makes it suitable for both single and dual antenna applications.

This UHF Gen 2 RFID reader/writer includes a high-performance, circularly polarized antenna, which ensures a simple, affordable and low profile RFID installation. This RFID reader/writer is equipped with a port for a second external antenna connection that makes it suitable for both single and dual antenna applications. It supports EPC Gen 2 and ISO 18000-6C tag protocols, Alien reader protocol and LAN protocols including DHCP, TCP/IP and NTP. The high performance reader has two inputs, two outputs and offers LED indicators for power, LAN link, RF-on and fault.

Technical Specifications

Supported RFID Tag Protocols	EPC Gen 2; ISO 18000-6c
Reader Protocols	Alien Reader Protocol
LAN Protocols	DHCP, TCP/IP, NTP
Dense Reader Management	Dense Reader Mode, Event triggering
Frequency	902.75 MHz – 927.25 MHz
Channels	50
Channel Spacing	500kHz
RF Power	Max. 4 watts EIRP with internal antenna
Power	24V DC supplied via an AC/DC converter or POE (IEEE 802.3af). Unit ships with a Power Sourcing Equipment (PSE) module
Communications	RS-232 (DB-9 F), LAN TCPI/IP (RJ-45)
Antennas	One internal, one external port with RTNC connector
General Purpose Inputs/Outputs	2 inputs, 2 outputs, TTL compatible
Dimensions	9.13" (L) × 9.0" (W) × 2.0" (D)
Weight	1.0kg (2.2 lb) max
Operating Temperature	0°C to 50°C (32°F to 122°F)
LED Indicators	Power, LAN Link, LAN Active, RFon, Read, Fault
Software SDK	Java and NET APIs
Compliance Certification	Emissions: FCC Part 15 Safety: UL 60950

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