

ALR-9680 RFID reader, UHF 865.7-867.5 MHz, EMEA Kit

Alien® ALR-9680 is a commercial UHF reader with enterprise class 4-port flexibility and Alien reader "intelligence". Its PoE capability and up to 4 antennas connectivity significantly reduces the cost and complexity of installing an RFID read point.

With Power-Over-Ethernet (POE) and out-of-the-box software that is compatible with other Alien readers, the ALR-9680 is a simple, low profile solution that enables users to start reading tags and developing solutions immediately.



The ALR-9680 communicates via the easy-to-use Alien Reader Protocol with key RFID platform support including Microsoft® BizTalk RFID, OatSystems, Oracle®, Xterprise and others. A well-documented SDK featuring .NET, Java and Ruby libraries enables development of custom interfaces to control the reader if desired. The user-friendly Alien RFID Gateway software, which is free of charge, enables solution development immediately.

The cost of installing AC power can sometimes rival that of the reader. The ALR-9680's PoE capability allows power to be delivered over properly-equipped local area networks, eliminating expensive AC wiring installation. A PoE power injector is provided to supply power if PoE is not available. The combination of this capability with up to 4 antenna significantly reduces the cost and complexity of installing an RFID read point.

Key features of the Alien ALR-9680 UHF RFID reader

- Feature-rich Alien Reader Protocol
- 4 mono-static reader ports
- Power-over-Ethernet (PoE) eliminates cost of AC power drop
- EPC Gen 2 dense reader interoperable
- Slim form-factor for installation in height-restricted places
- Manageable and upgradable



Technical Description

Functionality & Operation

Maximal transmit power	2W (E.I.R.P)
Network services	TCP/IP, NTP, DHCP, SNMP, DNS
Operating system	Linux
Memory	64MB DRAM
Frequency	UHF: 865 - 868 MHz (EU)
Antennas, Antenna inputs	4 mono-static ports
Indicators	Power, LAN Link, LAN Active, RF On, Read, Fault
Communication interface	Ethernet, RS232, GPIO, ARP (Alien Reader Protocol) (GPIO: 0-24 VDC optical isolated, 2 IN / 2 OUT)
Memory	64MB Flash
RFID transponder protocols	EPC Gen 2, ISO 18000-6C

Electrical

Power Source	24 VDC, PoE (Power Over Ethernet)
--------------	-----------------------------------

Mechanical

Weight	910g
Dimensions	Width: 24.13cm, Height: 18.41cm Length: 3.17cm

Environment

Operating temperature	-20 to 55°C
-----------------------	-------------

Others

Certifications	Emissions: ETSI EN 302-208-2 (4 channel plan), EM 301-489, Safety: EN 60950, EN 50364
Development tools	.NET SDK, Ruby API

CODEWARE, s.r.o.

Jaromírova 484/37
120 00 Praha 2 - Nusle
IČ: 61061395, DIČ: CZ61061395

+420 222 562 444
codeware@codeware.cz
<https://www.codeware.cz/>

