

Product Data Sheet



Eureka-iD Standard RFID Reader

Eureka-iD Reader

The Eureka-iD Reader is a self contained receiver unit with an 868MHz PCB dipole antenna that detects and decodes Eureka-iD tags. Generally used for personnel and asset identification, tracking and security applications in industry, commerce and the service sector.

The reader unit communicates via TCP/IP over a standard LAN or WLAN connection. The unit has two power supply options, either a 230V AC or 9V DC.

Reader configuration can be setup through Eureka RFID software, which provides comprehensive RF data management from hardware setup and control through to end user integration and management.

Reader Operations

The reader unit will detect Eureka-iD Wakeup and Transmit Tags up to 100 metres away*.

Eureka-iD

Eureka-iD is the next generation of RFID tagging solutions designed and developed to offer real added value and provide a greater return on investment.

Eureka-iD - Interacting with assets.

Receiver

RX Frequency	868 MHz
Demodulation	FSK
Sensitivity	-100dB
Range	Up to 100m*

Comms Interface

LAN	10/100Base-T Ethernet via RJ45
WLAN	802.11b Wireless Interface

Relay Output

Contacts	SPCO
Rating	1A @ 24VDC

Input

Object Sensor	Yes
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Environmental

Operating Temperature	-10°C to +50°C
Storage Temperature	-10°C to +50°C
Humidity	5% to 90% (non condensing)

Physical

Size	200mm x 210mm x 48mm
Weight	0.7kg
Colour	White (RAL 9002)
Material	ABS (UL 94 HB)

Electrical

Supply Voltage Options	230V AC or 9V DC
Power Consumption	<10W

Approvals

EN301 489-3 v1.2.1 (2000-08)
EN 300 220-3 v1.1.1 (2000-09)

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