

## Product Data Sheet



### Eureka UHF Passive RFID Starter Kit - 4 Port Reader

#### Product Overview

The Eureka UHF passive RFID starter kit - 4 port reader version is a complete starter kit supplied with a reader unit, cables, tags, software and manuals. This kit provides an ideal introduction into ultra high frequency (UHF) RFID.

The Eureka 4 Port Reader is a multi protocol long range reader for programming and reading UHF tags.

Fully compliant to the European regulations ETSI EN 302 208 and ETSI EN 300 220. The Eureka 4 Port Reader supports Philips UCODE EPC 1.19, ISO 18000-6B, and EPC Class1 Gen2. Other UHF protocols may be available by firmware upgrade.

The reader is supplied in an IP65 enclosure to meet the demands of rough industrial environments, including warehouse and vehicle mount applications.

#### Applications

- Vehicle mounting
- Industrial controls
- Pick and put away applications
- Vehicles access control systems
- RFID tunnels
- Portal applications

#### Reader

Frequency	865.6 - 867.6 MHz (ETSI EN 302 208)
RF Power	1.5W (32dBm)
Antenna	4 TNC Type Female - IP65
Frequency Tolerance	±10 ppm over the entire temperature range
Number of Channels	10 ch. compliant to ETSI EN 302 208
Channel Occupancy	In accordance with EN 300 220 and 302 208
Standard compliance	ISO 18000-6B Philips UCODE EPC 1.19 EPC Class1 Gen2

#### I/O

Digital	Five I/O lines 3.3V out, 5 V tolerant
Ports	RS232, 9.6-115kbits data rate (settable)

#### Physical

Dimensions	217mm x 119mm x 39 mm
Weight	925 g

#### Electrical

Power	Voltage Range: 15± 5% VDC Power: 1A @ 15V (TX/RX mode) 260 mA @ 15V (idle mode)
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#### Environmental

Operating Temp.	-20 °C to 70 °C
Protection Rating.	IP65

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Part No: EURUHF4915

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