

Product Data Sheet



Eureka - 13.56MHz RFID Reader Module

Product Overview

The Eureka 13.56MHz reader module is a high frequency (HF) low power short range RFID reader which provides proximity reading and writing of HF tags.

The reader supports the ISO 15693 standard and typically offers up to 5cm of read range using the integrated PCB antenna. Other HF protocols may be available by request and firmware upgrade.

The 13.56MHz RFID reader module provides an ideal low cost solution for OEM applications, product integration, RFID pilots and trials.

- High Frequency RFID
- Low Cost Device
- Small Form Factor
- PCB Only
- Product Integration
- Firmware Upgrades
- OEM Options

The Eureka 13.56MHz reader module has excellent user features including hardware selectable TTL, RS232 and RS485 (2-Wire) communication interface options, software configurable communication parameters, tag protocol selection and operating modes.

Evaluation software is provided with the reader to display tag data, control reader commands, configure reader options and enable firmware updates.

An open drain output allows the option to control an external device such as a sounder or LED.

OEM and product integrated versions of the Eureka 13.56MHz reader module can be manufactured to meet specific design specifications.

For further information please feel free to contact us on 01202 868000 to discuss your enquiry.

Reader

RF Frequency	13.56MHz
Supported Transponders	ISO-15693
Operating Range	Typically 2 to 5cm (Integral PCB antenna)
Interface Options	TTL, RS232, RS485 half duplex 2 wire
Communication Parameters	Software Configurable

I/O

Indicator LEDs	Operating Mode
Output	Transponder Functions
	Open Drain (e.g. Sounder or LED)

Physical

Size	65mm x 65mm
Weight	< 25g

Electrical

Supply Voltage	5V or 12V DC
Current Consumption	< 250mA

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Avonwood Developments Ltd.

Knoll Technology Centre, Stapehill Road, Wimborne, Dorset, BH21 7ND

tel: +44 (0)1202 868000 fax: +44 (0)1202 868001

email: sales@avonwood.co.uk web: www.avonwood.co.uk

