Product
Data Sheet

Eureka 13.56MHz RFID Starter Kit - USB Desktop Reader

Product Overview

The Eureka 13.56MHz RFID starter kit - USB desktop reader version is a complete starter kit supplied with a reader unit, cables, tags, software and manuals. This kit provides an ideal low cost introduction into high frequency (HF) RFID.

The starter kit includes a close proximity USB desktop reader for reading and writing to HF passive tags. For easy installation and convenience the reader is housed in a sloped ABS enclosure with powered USB comms on the rear panel. Ideal for a variety of desktop applications.

The reader supports ISO-15693 tags with typical read ranges of between 2 to 5cm with internal antenna. The reader can write to ISO-15693 with the write range being typically one third of available read range. A selection of supported HF RFID tags are included in the kit.

Features

The USB desktop reader has software configurable communication parameters including the protocol and operating modes.

Firmware updates are possible via a supplied bootloader included with the starter kit software. The software allows full control of the reader commands and configuration.

Subject to minimum order quantities and design specifications, Avonwood can manufacture an OEM version of the Eureka 13.56MHz desktop reader with alternative comms to suit your application.

Reader

RF Frequency	13.565MHz
Supported Transponders (Tags)	ISO-15693
Read Range*	Typically 2 to 5cm (internal antenna)
Interface Options	USB Powered
Communication Parameters	Software Configurable

I/O

Output	Sounder

Physical

Size	195mm x 152mm x 50mm
Weight	<315g

* Read range for tags are typical only and depend on tag type, size, orientation, antenna and environment.

Eureka 13.56Mhz RFID Starter Kit - USB Desktop Reader   **Part No: EUR211K4912**

avonwood™
Avonwood Developments Limited

0209