DATASHEET

PRODUCT: USB PEN READER (UNIQUE/EM4102)
Product Code: WON001

Overview

The USB Pen Reader is an intelligent module that provides all radio frequency and control functions needed to communicate with Unique, EM4100, EM4102, EM4200, TK4100 or compatible transponders and a host application. No software is required - plug the reader in and the tag IDs are read straight into your active application (e.g. Excel, Word, Outlook). The reader works with Windows, Linux, Apple Mac and Android devices.

Specifications

Power Requirements	5V DC 50mA – USB-self powered
Interface	USB 1.1 HID Keyboard device
Typical Max Read Range	Up to 3cm (with ISO card tag – optimal conditions)
Response Time	Typically, < 0.1 sec (LED flashes to confirm read)
Frequency	125kHz
Transponders supported	UNIQUE / EM4100 / EM4102 or compatible
Integrated Antenna	Yes
Operation Temp	-0 C +55 C
Storage Temperature	-25 C +65 C
Dimensions	70 x 20 x 9.8 mm
Weight	18g
Material	ABS Housing
Data Output	Hex: B1 B2 B3 B4 B5 B1 to B5: 5 pairs HEX code equal to the card 40 bits serial number

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