

DATA SHEET

WON001 USB PEN READER (UNIQUE/EM4102)

Overview

This is a small, handy and simple low frequency RFID Reader for USB equipped terminals, PC's and laptops. This desktop reader has a USB 1.1 interface for high speed data transfer and can be used in a range of different applications. The WON001 supports the low frequency 125kHz reading from tags using the UNIQUE / EM4100 / EM4102 standard. It operates without reader specific host application software, simply delivering data as though from a keyboard into applications such as Word, Excel or Access. The reader works with Windows, Linux and Apple Mac applications.



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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