

DATASHEET

PRODUCT: USB Reader 13.56MHz (Mifare ISO 1443A & NFC) Demo Kit
Product Code: WON029

Overview

This is a small handy and simple, high frequency, RFID Reader for USB equipped terminals, PC's and laptops. This desktop reader has a USB 1.1 interface for data transfer. Its low cost and simple connectivity makes it suitable for use in conjunction with a wide range of PC based applications. The WON029 supports high frequency, 13.56MHz, reading from tags using the ISO14443A / Mifare / NFC 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	13.56MHz
Transponders supported	ISO14443A / Mifare S50, Mifare 70, Mifare Ultralight or compatible.
Integrated Antenna	Yes
Operation Temp	-0C +55 C
Storage Temperature	-25C +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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