

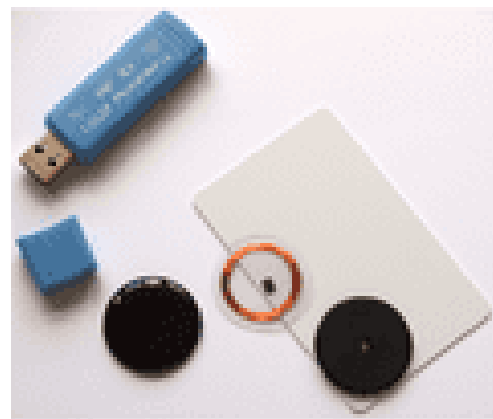
## DATASHEET

### PRODUCT: USB Pen Reader (EM4200/4102) Demo Kit

Product Code: **WON028**

### 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 /EM4200 or compatible
Integrated Antenna	Yes
Operation Temp	-0 C +55C
Storage Temperature	-25C +65C
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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