



This 125 kHz RFID reader is widely used in access control and personal identification.

This 125 kHz RFID reader is a stylish, reliable proximity reader. The reader has 3 in 1 interface output options for ABA TK2, RS232 (UART) or Wiegand. It also be optionally configured to output other common interface formats including Magstripe (Clock/Data), and RS-232. The RFID reader has a water resistant design.



Key Features

- ✓ Compact size, easy to use
- ✓ 3 in 1 interfaces
- ✓ 6 available colors for LED indication to distinguish read mode and standby mode



Technical Specifications

Frequency	125 kHz
Transponder	Read only (for unique serial number/unique identifier) Chip type: EM H4001/H4002 compatible ID code: 10 digits in Hex; 125 kHz, ASK; 64 bits, Manchester coding
Read Distance	Up to 9 cm
Audio/Visual Indication	Internal LED and Buzzer
Interface	Wiegand 26 bits (default), Magstripe, 9.6 k baud serial ASCII (RS232). (Wiegand & RS232 interface baud rates are configurable)
Power Requirements	7.5 V to 12 V regulated DC at 75 mA, typical with a 12 V supply. A linear regulator is recommended.
Additional	2 digital input and 2 digital output
Operating Temperature	-10 °C to 60 °C
Dimensions	10 cm × 3.2 cm × 1.6 cm

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