



ER 02

OVERVIEW

125Khz-A transceiver unit is designed for reading code from uem4100 compatible read-only tags and is a major component in RFID (Radio Frequency Identification) reader system. It can be applied in office/home security, personal identification, access control, anti forgery interactive toy and production control systems etc.

SPECIFICATIONS

Voltage	: DC 9 - 5v
Current	: <= 50 mA
Frequency	: 125K - 5kHz
Card Reading Reaction Time	: 100ms
Card	: Em4001 or Tk4100 compatible card
Reading Distance	: 10 - 15cm
General Reading Distance	: 100mm
Data Transmission Distance	: 100 meters
Device Protection	: power supply converse connection protection
Data Line Voltage Protection	: Mostly Stand 15v
Working Temperature	: -15°C - 60°C
Storage Temperature	: -20°C - 80°C
IP Rate	: IP65, water proof

FEATURES

- 1 The ability to read 32 bit MIFARE serial numbers.
- 2 Highly secure 64 bit diversified keys for mutual authentication.
- 3 Crisp architectural styling with an elegantly curved faceplat
- 4 A choice of three colors (black or gray) with a standard 18" (.5 m) cable pigtail.