



ER302R

Datasheet

Ordering Information	
Model No.	ER302R
Name	NFC Writer
Phone	86-010-80128328
Email	info@ehuoyan.com
Web	http://www.ehuoyan.com/

1. Overview

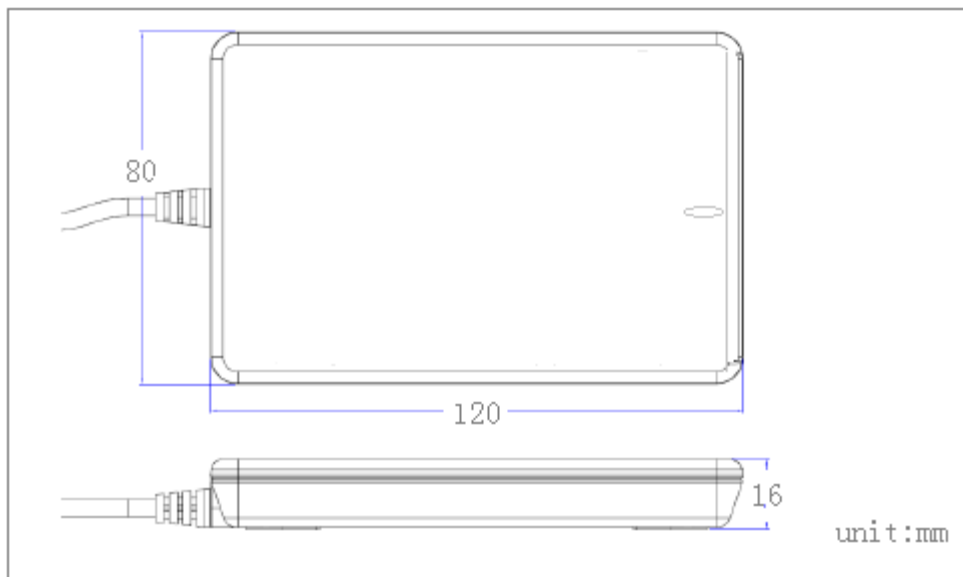
The ER302R NFC Writer is a PC-linked contactless smart card **reader/writer** developed based on the 13.56 MHz Contactless (RFID) Technology. It supports MIFARE[®]1k, MIFARE[®]4k, MIFARE Ultralight[®], NTAG21x and ISO 14443A compatible cards.

The ER302R is ideal for secure personal identity verification, access control, e-payment, e-ticketing for events and mass transit, toll road fare collection and network authentication.

2. Special Features

- Support card: MIFARE[®]1k, MIFARE[®]4k, MIFARE Ultralight[®], NTAG21X
- RF Frequency: 13.56 MHz.
- Typical time of command: <100ms
- Operating distance: up to 8 cm
- Communications Interface: RS232 (DB9+USB)
- Two LED indicators (software controlled)
- Buzzer alarm (software controlled)
- Mechanic characteristics:
 - Size: 120 ×80× 16 (mm)
 - Cable length: 1.5m
 - Weight: 130g (include cable)

3. Technical Specifications



Dimensions	120 mm (L) x 80 mm (W) x 16 mm (H)
Weight	130 g (including cable)
Cable length	1.5m
Color	white
Interface	RS232
Baud rate	115200 bps (default)
Operating Distance	Up to 8 cm (depends on the tag type)
Supply Voltage	5V DC
Supply Current	42mA (operating); 22mA (close port); 60mA (maximum)
Operating Temperature	-10~50 °C
Storage Temperature	-20~70 °C
Operating Frequency	13.56 MHz
RF Speed	212 kbps
Smart Card Supported	MIFARE [®] 1k, MIFARE [®] 4k, MIFARE Ultralight [®] , NTAG21x
Operating System	Win XP, Win 7, Win 10, Linux, Android

