



1. Introduction

IOT5305W is a contactless R/W desktop reader based on 13.56Mhz, which it supports to read and write all kinds of mainstream cards under ISO14443 Type A and Type B, ISO15693 standard, or read only their UID.

Also it is available to Read-only UID of 125Khz EM4100/4200 and compatible cards.

These versatility enable it widely used in all different applications and systems, such as member cards management, identification, digital signature, time attendance, transportation, etc.

2. Features

- Compliant with ISO14443A/B, ISO15693 standard
- Mini-USB connection, plug and play
- Compact size with fashion UV coating
- Optional for Read-only UID of EM4100 and its compatible cards
- Internal buzzer and LED to indicate status
- NFC version available also(optional)

3. Application

- E-payment, E-Bank
- ID Authentication
- Access control
- Member management
- Intelligent Transportation

4. Parameters

| | | | |
|-----------------------------|---|---|--|
| Frequency | 125Kzh or 13.56MHz | | |
| Baudrate | 9600-115200bit/s(settable, default 9600) | | |
| Protocol | ISO/IEC14443A | ISO/IEC 14443B | ISO/IEC 15693 |
| Card types (contactless) | Mifare One S50; Mifare Ultralight; Mifare OneS70 MifarePro | AT88RF020; 66CL160S; SR176; SRIX4K | I-code 2; TI RFID Tag-it HF-I, EM4135, EM4034 |
| Port | Mini USB | | |
| Power | DC 5V | | |
| Current | < 70mA | | |
| Range | 50 ~ 70 mm (depends on tag) | | |
| Working temp | -10°C ~ +70°C | | |
| Storage temp | -20°C ~ +80°C | | |
| Dimension | 104mmX70mmX12mm | | |
| Colors | White, sky blue, black (UV coating, bright color) | | |

Remark : SDK is providable for customer's second development

Objects showing :



Sky Blue



Black