

The high frequency desktop reader/writer is compatible with multiple protocols and interfaces. It can be used in a wide range of smart card management application systems.

The high frequency desktop reader/writer is compatible with ISO14443A/B and ISO15693 protocols and is equipped with multiple optional interfaces including an RS232 serial interface, a USB interface and a TCP/IP Network interface or a WiFi wireless communication interface offered to meet different application needs. The reader/writer can be used in a wide range of smart card management application systems.

Key Features

- ☒ Reads and writes NFC labels
- ☒ Compatible with ISO14443A/B, ISO15693 and ISO18092 standards
- ☒ WiFi or TCP/IP (PoE) communication
- ☒ Buzzer and a bi-colored LED indicator

Typical Applications

- ☒ Access Control
- ☒ Customer Benefit Programs
- ☒ Ticketing
- ☒ General Smart Card Management Systems

Technical Specifications

Frequency	13.56 MHz
Baud Rate	9600 to 115200 bit/s(configurable, default rate: 9600)
Communication Interface(selectable)	RS232
	USB
	TCP/IP(PoE)+WiFi
Supported Tag Protocol	ISO/IEC 14443-A/B,,ISO/IEC 15693,,ISO 18092
Read Distance	>5cm(tag dependent)
Supported Card	NFC, Mifare S50/S70/Ultralight, Mifare Pro,AT88RF020,66CL160S,SR176,SR1X4K,I-code 2, TI RFID Tag-it HF-I
Size	100 mm ×100 mm × 27 mm
Source	5 V
Material	ABS
Operating Temperature	-10°C to 70°C

Available Models

Model	Interface
233018-T-X	TCP/IP interface (PoE) +WiFi
233018-U-X	USB interface
233018-S-X	RS232 interface

* The letter X above indicates the protocol required as follows:

A	ISO14443A
B	ISO14443A/B
C	ISO15693
E	ISO14443A/B and ISO 15693
N	NFC



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