

RD220/ RD230

USB RFID Desktop HF Reader

Feature

- Built-in antenna, two colors led visual indication and buzzer alert.
- Support multi-type of cards and agreement .
- Provide API development tool.
- Update firmware through usb interface without disassembling case.
- Support decimal and hexadecimal ID formats.
- Unique serial number for identification.
- Input mode :
RD220 : USB keyboard emulation.
RD230 : USB PC/SC
- Development Tools: Support BCB6,VB6,VB.NET sample program and VC,VB,BCB, DevC,C# library.



Tag Supported :
ISO-15693 / ISO-14443A /
ISO-14443B / Felica



- Reader with magnetic back housing which can be held on metal materials (OA partition, PC outer case...etc.)



Specification

Specs/Item	RD220-H1	RD230-H1
Transmit Frequency	13.56MHz	
Card Compatibility	ISO-15693 / ISO-14443A / ISO-14443B / Felica (Mifare 1K S50 / 4K S70 4/7-byte UID / Mifare Ultralight)	
Card Function	Mifare:R/W	Mifare :UID
Input Mode	USB keyboard emulation	USB PC/SC
Read Range	0 ~ 7.5 cm	
Communication	Compatible with versions 2.0, mini USB 5-pin connector	
Antenna	Built-in	
LED Indicator	Two-color LED visual indication	
Beep Tone	Built-in Buzzer	
Input Voltage	USB power , 5V / 200mA	
Operating Temperature	-20°C ~ +65°C , 5 ~ 95% RH	
Storage Temperature	-30°C ~ +85°C , 5 ~ 95% RH	
Dimensions (W x H x D)	105 x 72 x 16 mm	

❖ This specification is preliminary and subject to change without prior notice.

Ordering Information

Item	Type
RD220-H1	USB RFID Desktop HF Reader(Mifare R/W)
RD230-H1	USB RFID Desktop HF Reader(Mifare UID)

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SYRIS
ACCESS Reader
SYRIS Security System