

RFID UHF Handheld Reader



Model: RRU9183A

Size: 190mmx80mmx25mm

Weight: 400g

GENERAL DESCRIPTION

UHF handheld reader RRU9183A is the 5th generation product developed by our company. It can read/write the electronic labels on the tags, which complies with UHF EPC Gen2 (ISO18000-6C), and ISO18000-6B standards. This handheld reader can be widely applied to data collection systems, such as Vehicle Access Control Management, Personnel Access Control Management, Electronic Anti-counterfeiting, Logistics Supervise, Auto-production Management, etc.

FEATURES

- Support UHF RFID;
- Support WiFi, Communicate with LAN by wireless network;
- Outdoor user can keep in touch with Headquarters at any time by GPRS;
- Integrated Long Range Laser Barcode Scanner;
- Handwrite input, support signature capture function;
- Industry IP54 Hardware design and can be used in Harsh environment;
- Good Performance and Cost-effective.

SPECIFICATION

Under $T_A = 25^{\circ}\text{C}$ unless specified.

ITEM	TYP	REMARK
Operation System	Microsoft Windows CE 5.0	
Processor	SAMSUNG 400 MHz CPU	
Memory	ROM128MB, RAM 128MB SDRAM	expandable by SD card slot with maximum capacity to 1GB
Screen	3.5 inch QVGA (240*320pixel) color	Transflective TFT-LCD with LED backlight
Keypad	25+1 digital backlight keypad	soft keys, support handwrite input
Standard Battery	3.7V 2800mAh/3200mAh Li-ion Battery	Inside backup battery: 17mAh
Standard Communication	USB1.1, RS232	
WiFi	IEEE802.11b/g, 11Mb/s~54Mb/s	Built-in
GSM/GPRS communication	900/1800/1900MHz	
Audio	built-in speaker	Mini earphone slot (2.5mm Stereo)
Information collection	RFID, Barcode Scanner, Input board, Stylus	
Support RFID Protocol	EPC Gen2(ISO18000-6C), ISO18000-6B	
RFID Reading Distance	ISO18000-6C: 500~1200mm ISO18000-6B: 500~1200mm	Reading distance depends on protocol, antenna, tag and working environment.
Barcode Scan/Decode Speed	100 times/s	Barcode Recognition Angle: 54° Effective Read Angle: 44°
Support Barcode type	China Post code, Code 39, Code 93, Code 128, EAN-8, EAN-13, UPC, Cross 25 code, etc.	
Laser Light Security standard	IEC 825	

Remark:

1. Specifications are subject to change, please pay attention to our latest one.
2. Shenzhen RoyalRay Science and Technology Co., Ltd. reserves the right to the final interpretation of the above terms.