RFID UHF Handheld Reader

Model：RFID186

Size：190mmx82mmx85mm

Weight：540g

GENERAL DESCRIPTION

UHF handheld reader RFID186 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;
- Designed with Impinj R2000 RFID engine;
- 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 IP65 Hardware design and can be used in Harsh environment;
- Good Performance and Cost-effective.

SPECIFICATION

Under $T_A=25℃$ unless specified.

ITEM	TYP	REMARK
Operation System	Microsoft　Windows CE 6.0	
Processor	SAMSUNG　1 GHz CPU	
Memory	ROM512MB, RAM 256MB 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 3200mAh/4000mAh Li-ion Battery	Inside backup battery: 150mAh
Standard Communication	USB1.1, RS232	
WiFi	IEEEE802.11b/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: 0~400cm ISO18000-6B: 0~400cm	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	