

UHF Read/Write Handheld Reader



APPLICATIONS

- Library inventory
- Warehouse inventory
- Retail shop inventory
- Document tracking
- And more...

FEATURES

- Support ISO18000-6C EPC Gen2
- Battery operated
- Bluetooth interface
- Read distance up to 8 meters
- Small form factor and light weight ideal for retail shop floor environment

SPECIFICATION

Model Name	H501 / H502
Protocol	EPCglobal UHF Class 1 Gen 2/ISO 18000-6C
Frenquency	840~960MHz
Output Power	5-30dBm
Receiving sensitivity	-82dBm
Reading Distance	>3.5M
Reading Rate	>180Tag/s
Size	153mm*75mm*29mm
Weight	330g (including battery)
LCD	4inch TFT-LCD 480*480dpi
Battery Capacity	3200mAh(The standard rechargeable polymer battery) 5200mAh(Rechargeable Lithium ion smart battery or hand shank)
Interface	WiFi、3G、 Micro USB
Extended SAM	One PSAM, One SIM
Voice	0.5W Speaker
Keypad	Three silicone keyboard, three broadside
CPU	Cortex-A9 Dual core 1GHz
RAM	512MB RAM/1GB RAM
ROM	4GB Flash(standard) MicroSD, (TF) card slot (32GB extend supporting)
Operating System	Android 4.4
Developing Language & Tool	Java, Eclipse
WIFI	IEEE802.11b/g/n protocol
GSM/3G GPS	GPRS (EDGE, 850/900/1800/1900MHz) WCDMA (HSDPA/HSPA+/850/2100MHz) A-GPS
Bluetooth	Bluetooth specification v2.1+EDR Bluetooth specification v3.0+HS compliance Bluetooth v4.0 Low Energy (LE)

Rolling test	IEC Rolling standard
Protection Class	IP64; 1.2M drop to the concrete ground
Operating Temperature Storage Temperature	-10°C ~50° C -40°C ~ 70° C
Electrostatic discharge	15KV air discharge, 8KV conductive discharge
Operating Humidity	5%RH-95%RH relative humidity non-condensing
One dimensional code laser scanning system	Symbol SE955
QR Code CMOS Scanning Engine	Symbol SE4500
Camera	OV 500dpi

Software Development Kit:

The **SDK** is a software development kit works with all UHF product series. It includes API, Host Demo, and user manual. It's developed by

C builder development tool on Windows Operating System, compatible to VC, VB/VB.NET, C#. NET etc.

Also, comes with Android source code for mobile development apps for H501 /H502 Handheld Reader.

Features:

- ✓ SDK is available with some special benefits for customer's development
- ✓ Stronger and powerful informative API to save your time and cost for development
- ✓ Examples of demo programs all developer to cut short development time and effort

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