Rovinj® 罗维尼科技
Rovinj Technology

广州罗维尼信息科技有限公司

Guangzhou Rovinj Mdt InfoTech Co.,Ltd.

Rovinj | Dedication, Integrity, Innovation, Win-win

IOT Application Expert

RFID

ROV-R2 Handset Specifications

Guangzhou Rovinj Mdt InfoTech Co.,Ltd.

1. Product Introduction

ROV-R2 is a special long-range UHF special reading terminal. It has a very comfortable grip experience. It is most suitable for stores or female operators. It is smart, stylish, light and compact. The terminal is equipped with a high-performance UHF reading and writing module, combined with a unique antenna design, supporting ISO18000-6C/EPC Gen2 standard, fast speed, data rate up to 40kbps ~ 640kbps, and the number of tags read at the same time, allowing accurate data collection distance Up to 6 meters, tag recognition rate ≥50tags/s.

Adopt cluster recognition technology to reduce or reduce the problem of blind spots and misreading when identifying and collecting data for a large number of single product labels, and quickly and fully identify highly dense electronic labels without delaying any labels. The ergonomic design, combined with a comfortable and convenient professional scanning handle, fully satisfies the feel. It adopts a rechargeable dual-electric system with super large capacity. The built-in battery 3000mAH and the gun handle battery 3250mAH can ensure that the device works normally during shift hours. It has industrial IP65 protection grade, 1.5 meters drop resistance, stable and reliable quality, and doubles the work efficiency.

2. Product pictures

3. Product Features

Excellent UHF RFID reading and writing: equipped with high-performance UHF reading and writing module, coupled with high-sensitivity antenna, the maximum reading and writing distance can reach 5M, and the tag recognition rate is ≥50tags/s;

Using rechargeable dual-electric system: using rechargeable polymer lithium battery system, super large capacity, built-in battery 3000mAH plus gun handle battery 3250mAH, with the handle can continue to provide more than 12 hours of working time, to ensure that the equipment in the whole day time normal work;

Equipped with comfortable and convenient professional handles: the staff's favorite appearance and ergonomic design, combined with comfortable and convenient professional handles, is stable and easy to hold, and doubles the work efficiency;

Wireless connection anytime, anywhere: Support 802.11 a/b/g/n full-band wireless communication, R2 UHF can always maintain real-time interconnection with the system, thus ensuring efficient business operation;

4. Specifications

Performance parameter	
operating system	Android5.1
processor	Quad-core 1GHz/1.3GHz
RAM	1G RAM+8G ROM (can be upgraded to 2G RAM+16G ROM)
Physical parameter	
display screen	4.0" 480*800 capacitive touch HD LCD screen
physical dimension	155 mm x 71.5 mm x 24 mm
weight	400g (with handle)/550g (with handle + UHF)
Battery life	Normal use for more than 8 hours (with handle can be used for more than 12

	hours) Standby> 200 hours
keyboard	18 ordinary keys, 2 volume keys, 2 side scan keys, 3 touch keys
Camera (optional)	8 million pixels, auto focus, LED light
External interface	1 industrial-grade Micro USB 2.0 data interface, 1 MicroSD/TF card slot, 1 SIM card slot (optional), 1 PSAM card slot (optional), 1 charging port, 3.5mm stereo headphone jack, 1 dual-charge data base, support to charge the device and 1 battery at the same time (optional)
Power Adapter	Input: AC 100-240V-50/60HZ 0.5A; Output: DC 5.5V-2.5A
Input	English input, support independent installation input method
Audio (optional)	Speaker, microphone (optional), earpiece (optional)
method to informe	Horn, indicator, vibration
Environmental characteristics	
Operating temperature	-10℃ ~ 50℃
Storage temperature	-30℃ ~ 70℃
Relative humidity	5% ~ 95%RH
Static Protection	±15kV air discharge, ±8kV direct discharge
Protection level	
Industrial protection level	IP65 industrial protection grade
Anti-drop height	1.2 meters dropped to the wooden board ground
Rolling resistance	Over 1000 roll-offs (impact) within 0.5 meters
Wireless communication	
WIFI	IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.0
GPS (optional)	Accuracy 10m (open sky)
WWAN (optional)	GSM/GPRS/WCDMA/EVDO/TDSCDMA/TDD-LTE/FDD-LTE
data collection	
Barcode (optional)	1D laser scanning/2D image scanning bar code density: ≥ 3mil Scan distance: 3cm-70cm (depending on different bar code density and code system) Decoding capability: UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.; PDF417, MicroPDF417, Composite, RSS, TLC-39, Data matrix, QR code, Micro QR code, Aztec, Postal Codes: US PostNet; US Planet; UK Postal; Japan Postal Dutch Postal (KIX), etc.
RFID	Working frequency band: 840 ~ 960MHz (customized according to the required frequency band) Protocol standard: ISO18000-6C/6B EPC C1 Gen2 Antenna gain: 3dBi circularly polarized antenna Output power: 10 – 30dBm Adjustable recognition distance: 3m-6m (depending on different labels) Depends) Group reading speed: >=200 sheets/5 seconds

other	
Standard	Charger, lithium battery, stylus, USB cable, manual, after-sale warranty card, certificate
Certification	CCC certification, Rohs certification, IP65 industrial protection level certification, CE certification, FCC certification and ISO9001 certification

Note:
1. If there is any change in the manual, please refer to the latest version.
2. Guangzhou Rovinj Information Technology Co., Ltd. reserves the right of final interpretation.