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IOT Application Expert

RFID

ROV-BX6100 handheld specification

Guangzhou Rovinj Mdt InfoTech Co.,Ltd.

1. Product Introduction

BX6100 uses Android9.0 system, eight-core processor solution, four core Cortex-A73+ 4 small core Cortex-A53, and equipped with 2+16G (standard), 4+64G (optional) memory combination, running speed is smoother , The performance is more stable.

Fast charging function, shorter charging time. And the powerful WiFi roaming function can realize seamless switching of WiFi hotspots and maintain uninterrupted network connection.

Single tag and multi-tag reading, the distance is farther, the efficiency is faster, and the performance of the whole machine is more stable. The effective reading distance can be up to 20m.

2. Product pictures

3. Product Features

■ High-speed core processor, large memory storage

■ Powerful fast charging with Wi-Fi roaming function

■ Excellent RFID reading and writing function, multi-tag remote reading

4、Specification

Features		
processor	Octa-core 2.0GHZ processor	
Memory Capacity	ROM：EMMC 64GB　RAM： LPDDR2 4GB	
operating system	Android 9.0	
Wireless communication	GPRS (standard)	GPRS, EDGE, 4-band 900/1800, 850/1900
	WCDMA (TDLTE FDDLTE + TDD WCDMA + GSM) 4G (standard)	band 850/1900/2100, Cat.8 HSDPA Cat.6 HSUPA
	WIFI (standard)	2.4G/5G dual frequency, in line with IEEE 802.11a/b/g/n/ac

	Bluetooth (standard)	Compliant with Bluetooth 4.0
Display	5.5 inch IPS screen, resolution 720*1440, HD full angle of view	
keyboard	Scan key, function key	
touch screen	Supports multi-point capacitive touch	
Indicator light	Network indicator light	
Audio	Support voice broadcast	
Micro SD card	Support 128G MICRO SD card	
Data Security	The product has data protection against power failure. In the case of complete power failure (removing the battery and no external power supply), the data is not lost.	
GPS indicator	Channel: 12 channels Reception type: L1, C/A code, with carrier phase smoothing Recapture: <1s The latest ASIC chip; COAST patent algorithm; EVEREST multipath suppression technology Error range: +-5 meters	
Navigation map	Support Kailide, Baidu, Google, Gaode and other navigation maps	
Input	Full screen handwriting, half screen handwriting, strokes, pinyin, numbers, letters, symbols	
Physical interface	1 Type-c interface	
camera	Rear 1300W, front 500W pixel camera	
flashlight	Low power LED lighting, emergency use	
QR code scanning	Motorola two-dimensional scanning head	
RFID		
UHF (915MHz/865MHz)	The distance of about 0-10m is used to read the 900MHz tag of the EPC C1 GEN2/ISO18000-6C protocol (related to the tag and antenna), supporting 865~868MHz or 920~926MHz	
Battery performance		
battery	9000mAh lithium polymer battery, standby time: more than 200 hours, working time: more than 10 hours, AC adapter charging (2A)	
Battery standby time	After the battery is fully charged, turn off the wireless communication function and stand by. After 360 hours, it can operate normally	
Battery charging time	Charging time <8.5 hours	
Charging working time	10 hours or more (once fully charged)	
working environment		
Operating temperature	-20℃~60℃	
storage temperature	-20℃~70℃	
Relative humidity	10%~90%RH, non-condensing	
Physical parameter		

total weight	Less than 550g (including battery, excluding charger)
Dimensions	170 (length) ×85 (width) ×20 (thickness) ±2 mm
annex	
Standard	1 lithium battery, 1 charging head, Type-c1

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.