OR2504-RFID Handset Specifications

Introduction: RFID handheld is a high-frequency and high-performance industrial-level inventory device. It has a variety of data acquisition functions, wireless transmission functions, and powerful system configuration. Read and write information is more accurate and fast, with a unique modular design, users can expand the customized functions according to the needs of the use scenario, can be widely used in asset management, clothing inventory, vehicle management, high-speed tolls and many other fields.

Physical size	Overall size (mm)	164.2*80*24.3
	Machine weight (g)	654
	Display	5.2 inch, IPS FHD1920 * 1080 resolution
	Touch screen	Supports multi-touch, supports gloves or wet hands
	Battery capacity	Rechargeable lithium polymer battery 8000mAH
	Communication Interface	USB 2.0 Type-C,OTG
	Keyboard	4 main keyboards + 1 power key + 2 scan keys + 1 multi-function key
	Sensor	Gravity sensor, light sensor, distance sensor, vibration motor
Performance parameter	CPU	Cortex-A53 1.3GHZ Quad-core
	RAM+ROM	2GB+16GB
	Extended memory	MicroSD (TF) card can be expanded to 32G

Development environment	operating system	Android 6.0
	SDK	Open all development kits
	Development language	JAVA
Use environment	Drop specifications	In the operating temperature range, 6 sides can withstand multiple times from a height of 1.5 meters Impact of falling onto concrete floor
	Protection class	Host IP65
Data communication	WLAN	Support IEEE802.11 a / b / g / n protocol, (2.4G / 5G dual frequency) built-in antenna
	WWLAN	2G:900/1800MHZ
		3G:900/1900/2000/2100MHZ
		4G: TDD-LTE;B38,B39,B40,B41
		FDD-LTE;B1,B3,B5
	Bluetooth	BLUETOOTH4.0，BLE
	GNSS	Integrated GPS, GLONASS and Beidou; support AGPS, built-in antenna
RFID	UHF	Working frequency (860-960MHZ customized frequency band as required)
	Protocol standard	EPC C1 GEN2/iso18000-6c
	Antenna parameters	Linearly polarized antenna (1.8DBI) / Circularly polarized antenna (4DBI)
	Power	1W (30DBM, support + 5dBM- + 30dBM adjustment)
	Reading	>10 米

	distance	
	Group read speed	> 200 tags per second