High Performance UHF PDA Handheld RFID Reader



Model：ZK-RFID7171S

Size：143.3mmx169mm×90.5mm

Weight：678G

1. Specifications

Performance	Model	ZK-RFID7171S
	O.S.	Android 11.0
	Processor	Octa-core 1.4GHz
	Memory	RAM： 4GB ROM： 64GB
	Extended memory	Micro-SD card, up to 128 GB
Basic specifications	Dimensions	143.3mm X 169mmX90.5mm
	Weight	678g
	Display	5.7 inch HD display, 720X1440 resolution.
	Touch Screen	Ultra-sensitive capacitive touch panel ,works with gloves and wet fingers ;Corning Gorilla Glass 3; 5 fingers Multi-touch
	Main battery	Capacity： 3.85V 9000mAh
	Charging time	<7 hours
	Audio	Speakers、Dual Microphones、Earphone、Receiver

	Buttons	Volume+/-x Power, Scan buttonX2, Programable button, Pistol Grip trigger button
	Camera	Front 5M Pixels, Rear 13MP auto-focus color rear camera with flash
	Sensors	Light + Accelerator+ Proximity + Geomagnetic + Gyro (optional)
	Scanning	1D/2D barcode reader Can read all international standardslD/2D barcode； Can read barcode displayed on screens and colored barcode；
	Slots	MicroSD/TFxl, Nano-SIMx2
Wireless commu nication	WAN	Dual-SIM, Dual-Standby
		4G,3G,2G
	Bluetooth	BT4.2+BR/EDR+BLE
	Wi-Fi	2-4G/5G, IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w Roaming： 802.Hr/OKC/ PMKID caching
	Positioning	GPS, A-GPS, BEIDOU, GLONASS、Galileo
Environ merit	Temperature	-20°C ～+60°C
	Storage	-40°C ～+70°C
	Humidity	5%RH～95%RH (No condensation)
	Drop test	1.2 meters
	Tumbling	400 3.2ft./1.0m tumbles Exceeds MIL-STD810G
	Seal	IP65

2. Data Capture Specifications

1) Camera

Camera	
Rear Camera	1300W
Front Camera	500W
Focus method	Auto focus, touch selection, face detection
flash	700mA, support flashlight function
Video	1080p front and rear camera video recording

2) Scanner

Module	2D Barcode
Scan Angels Tilt	360°

Scan Angels Pitch	±45°
Scan Angels Skew	±60°
Laser type	Class II
Barcodes support	UPC/EAN, UPC/EAN with supplementals, Code128, GS1-128, Code 39, Trioptic, Code 32, Code 93, Code11, Matrix 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Industrial 2 of 5,Codabar, Codablock F,MSI,Telepen,Code11, GS1 DataBar variants,PDF417, MicroPDF417, Composite Code,Data Matrix, Maxicode, QR Code, MicroQR, Aztec

3) RFID(UHF)

RFID	UHF
Frequency	865-868MHz,902-928MHz
Protocol	ISO 18000-6C(EPC Global Class 1 Gen 2) ISO 18000-6B
Reading Distance	up to 10 meters(relative to tags)
Antenna gain	Gain 4.5dBi

3. Wireless communication

1) GPS Positioning

Positioning	Specification
Support	GPS、A-GPSx BEIDOUx GLONASS、Galileo
Frequency	GPS(L1 1.575GHz C/A code), BEIDOU (Bl 1.561GHz),GLONASS(L1 1.602GHz), Galileo (El 1.589 GHz/E2 1.561 GHz)
Cold start	Less than 40s
Channels	Max31channels
Sensitivity	-130dB
Precision	5-10 Meters (open space)

2) WIFI

WIFI	Specification
Protocol	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w (2.4G/5G Wi-Fi)
Frequency	2.4G/5G
Working Channels	2.4G： CH1-CH13 (Depends on Country/Region) 5G： 36/38/40/42/44/46/48/52/56/60/64/100/104/108/112/116/120/124/128/132/136/140/149/153/157/161/165 (Depends on Country/Region)
Security	EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA, WEP , WPA/WPA2-PSK, WAPI certificate, WAPI-PSK

Roaming	Support PMKID caching, 802.Hr, OKC

3) WAN

WAN	Specification	
Mode	Dual-SIM, Dual-Standby	
Global Version	4G(TD-LTE) 4G(FDD-LTE)	TD-LTE:B34/B38/B39/B40/B41 FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/ B19/B20/B25/B26/B28A/B28B/B66
	3G(WCDMA) 3G(CDMA2000) 3G(TD-SCDMA)	WCDMA: B1/B2/B4/B5/B8 TD-SCDMA(B34/B39) CDMA2000 lx EV-DO Rev-A BC0 (800MHz)
	2G	CDMAlx GSM/EDGE/GPRS(850/900/1800/1900)

4) Bluetooth

Bluetooth	Specification
Support	BT4.2+BR/EDR+BLE
Distance connect	>10 m

4. Optional Accessories

Accessories	Specification
Accessories	Dock charger (supports 1 device + 1 battery charging), five-row charger, tempered film

Remark:

Specifications are subject to change, please pay attention to our latest version.