

UHF RFID Reader



Quick Details

This device is an Android rugged mobile computer. It features powerful processor, 10000mAh battery and superb UHF RFID capability. That it can read tags in bulk from long ousing, fleet management and etc.

Description

Product appearance			
Type	Detail	Standard configuration	Optional
Product	Dimensions	178*83*17mm	NA
	Weight	580g	NA
	Color	Black (bottom shell black, front shell black)	
LCD	Display size	5.0#(Select 5.72#full screen)	NA
	Display resolution	1280*720/ 5.2" IPS LTPS 1440 x 720	NA
TP	Touch Panel	Multi-touch panel, Corning grade 3 glass toughened screen	NA
Camera	Front camera	5.0MP(optional)	NA
	Rear camera	13MP Autofocus with flash	NA
Speaker	Built-in	Built-in 8Ω/0.8W waterproof horn x 1	NA
Microphone	Built-in	Sensitivity: -42db, Output impedance 2.2kΩ	NA
Battery	Type	Removable polymer lithium ion battery	NA
	Capacity	3.7V/10000mAh	NA
	Battery life	About 8 hours (standby time > 300h)	NA

System Hardware Configuration			
Type	Detail	Description	Optional
CPU	Type	MTK 6763- Octa-core	NA
	Speed	2.0GHz	NA
RAM	Memory	3GB (2G or 4G optional)	NA
ROM	Storage	32GB (16G or 64G optional)	NA
Operating System	Operating System Version	Android 12	
NFC	Built-in	Support ISO/IEC 14443A protocol, card reading distance: 3-5cm	HF

Network connection			
Type	Detail	Description	Optional
WIFI	WIFI module	WIFI 802.11 b/g/n/a/ac frequency 2.4G+5G dual band WIFI,	NA
Bluetooth	Built-in	BT5.0(BLE)	NA
2G/3G/4G	Built-in	CMCC 4M: LTE B1,B3,B5,B7,B8,B20,B38,B39,B40,B41 WCDMA 1/2/5/8 GSM 2/3/5/8	NA
GPS	Built-in	Support	NA

Data Collection			
Type	Detail	Description	Optional
Fingerprint	Optional	Fingerprint module: capacitive USB press module	
		Image size: 256*360px; FBI PIV FAP10 certification;	
		Image resolution: 508dpi	
		International standard:	
		Authoritative certification:	
		Acquisition speed: single frame image acquisition time $\leq 0.25s$	

QR code	Optional	Honeywell 6603&zebra se4710&CM60	
		Optical resolution: 5mil	
		Scanning speed: 50 times/s	
		Support code type: PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse Maxicode, QR Code, MicroQR, QR Inverse, Aztec, Aztec Inverses, Han Xin, Han Xin Inverse	
RFID function	Low frequency	Support 125k and 134.2k, effective recognition distance 3-5cm	Optional
	High frequency	13.56Mhz, support 14443A/B;15693 agreement, effective recognition distance 3-5cm	Optional
	UHF	CHN frequency: 920-925Mhz	Optional
		US frequency: 902-928Mhz	
		EU frequency: 865-868Mhz	
		Protocol standard: EPC C1 GEN2/ISO18000-6C	
		Antenna parameter: spiral antenna (4dbi)	
Card reading distance: according to different labels, the effective distance is 8~25m			

Reliability			
Type	Detail	Description	Optional
2G/3G/4G	Drop height	150cm, Power on status	
	Operating Temp.	-20 °C to 50 °C	
	Storage Temp.	-20 °C to 60 °C	
	Tumble Specification	Six side rolling test up to 1000 times	
	Humidity	Humidity: 95% Non-Condensing	