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Product model (SF-516)

Handheld Android RFID UHF PDA



Product appearance

Type	Detail	Standard configuration	Optional
Type	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/ 5.72" resolution 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
Microphones	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	
CPU	Type	MTK 6762- 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*360pi xei; FBI PIV FAP10 certification;	
		Image resolution: 508dpi	
		International standard: Authoritative certification: Acquisition speed: single frame image acquisition time ≤0.25s	
QR code	Optional	Honeywell 6603&zebra se4710&CM60	
		Optical resolution: 5mil	
		Scanning speed: 50 times/s	
RFID function	LF	Support 125k and 134.2k, effective recognition distance 3-5cm	Optional
		HF	13.56Mhz, support 14443A/B;15693 agreement, effective recognition distance 3-5cm
	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	
Product reliability	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	