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**Model No
SF-506S**

Handheld UHF Mobile Computer



Specification

Type	Detail	Standard configuration
Appearance	Dimensions	178*83*17mm
	Weight	300g
	Color	Black
LCD	Display size	5.0#(Select 5.72#full screen)
	Display resolution	1280*720/Full screen resolution: 1440*720
TP	Touch Panel	Multi-touch panel, Corning grade 3 glass toughened screen
Camera	Front camera	5.0MP(optional)
	Rear camera	13MP Autofocus with flash
Speaker	Built-in	Built-in 8Ω/0.8W waterproof horn x 1
Microphones	Built-in	Sensitivity: -42db, output impedance 2.2kΩ
Battery	Type	Removable polymer lithium ion battery
	Capacity	3.7V/4300mAh
	Battery life	About 8 hours (standby time > 300h)

Hardware Configuration

Type	Detail	Description
CPU	Type	MTK 6762 Octa-Core
	Speed	2.0GHz
RAM	Memory	3GB (2G or 4G optional)
ROM	Storage	32GB (16G or 64G optional)
Operating System	Operating System Version	Android 12
NFC	Built-in	Support ISO/IEC 14443A protocol, card reading distance: 3-5cm

Network Connection

Type	Detail	Description
WIFI	WIFI module	WIFI 802.11 b/g/n/a/ac frequency 2.4G+5G dual band WIFI,
Bluetooth	Built-in	BT5.0(BLE)
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
GPS	Built-in	Support

Data Collection

Type	Detail	Description
Fingerprint	Optional	Fingerprint module: capacitive USB press module
		Image size: 256*360pi xei; FBI PIV FAP10 certification;
		Image resolution: 508dpi
		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
		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	LF	Support 125K and 134.2K; effective recognition distance 3-5cm
	HF	13.56Mhz, support 14443A/B; 15693 agreement, effective recognition distance 3-5cm
	UHF	CHN frequency: 920-925Mhz
		US frequency: 902-928Mhz
		EU frequency: 865-868Mhz
		Protocol standard: EPC C1 GEN2/ISO18000-6C
		Antenna parameter: ceramic antenna (1dbi)
Card reading distance: according to different labels, the effective distance is 1-6m		
Electric infrared meter reading function	Working current	50mA (meter reading) / <2mA (standby)
	Meter reading distance	>3.5m; angle 35°
	Modulation frequency	KHz (crystal oscillator accuracy)
	Baud rate	1800 b/S (DLT645 is 1200 b/S)
	Infrared wavelength	940nm
	Communication specification	Comply with DLT 645-2007 (DLT 645-1997) communication technical specifications
Biometric	Fingerprint acquisition	Support capacitive fingerprint sensor
	Face recognition	Embed face recognition algorithm
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
	Humidity	Humidity: 95% Non-Condensing