

ST908 Industrial PDA

Android 4.4/4 Core/ 4G/WIFI/BT/GPS/IP65



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Specifications

Standard Parts

General Specifications

Operating system	Android 4.4 embedded OS
CPU	Quad core processor,1.2GHz CPU
RAM	RAM 1G; FLASH 8G or RAM 2G; FLASH 16G
Ports	One USB 2.0 port(OTG supports U Flash Disk, Mouse, 100M ethenet port), one charging mouth, one TF card(128G), one SIM card

Protection Grade

Industrial Protection Grade	IP65
Drop Grade	Drop resistance from 1.2m

Wireless Communication

Bluetooth	V4.0
GPS	Built-in Beidou/GPS/GLONASS; supports A-GPS; External Beidou/GPS/GLONASS; supports RTCM 2.3 differential data
WIFI	Support IEEE 802.11b/g/n
4G	2G:GSM 900/1800/1900 B2/B3/B8 3G:WCDMA: 850/1900/2100 B1/B2/B5 4G:LTE_FDD: 1800/2100/2600 B1/B3/B7 LTE_TDD :2555-2655MHz/:2300-2400MHz B41/B40

Data Acquisition (Optional)

Fingerprint Identification	Supports fingerprint entry, image collection, fingerprint recognition, fingerprint deletion etc. Finger collections Type: TCSIST Semiconductor sensors Acquisition window size: 24.5*19mm Effective image size:15.5*18.5mm Image size: 256*360 Resolution: 500 DPI contrast mode(1:1); search mode(1:N) Fingerprinter Memory capacity:1000
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Barcode Scanning	1D Laser Scanner Index: Support Motorola or Honeywell Scanning speed: 104 times/second+12 times/second (two way scanning) Scanning distance: 2.5cm-50cm	
	2D Barcode Scanner Index: Scanning speed: 10 times/second Depth of field: 5cm-40cm QR code,PDF417 code.	
RFID	LF RFID: 134KHZ LF RFID or 124KHZ LF RFID Identification distance: 0-3 cm	
	NFC (HF) RFID: Working frequency: 13.56MHZ Profile: Support ISO/IEC 15693, ISO/IEC 14443A profile Support Cards: SR176, SRIX4K (TYPE-B), I- Code2, TI RFID label-it HF-I, EM4034, Mifare Classic ETC Identification distance: not more than 5cm	
	UHF RFID: Working frequency: 840-960MHz(customization of required frequency band) Support agreement: EPC C1 GEN2/ISO 18000-6C /ISO18000-6B Output power: 10dBm-30dBm Identification distance: not more than 6m	
Printer	Printing Method	Thermal Printer
	Resolution	8 dots/mm(384 dots/line)
	Printing Speed	about 85mm/s
	Paper Width	58mm
	Printing Width	48mm
	Papaer Roll Size	58mm(width)*xxmm(dia)
	Port Form	Serial Port
	Printer buffer	4k
	Button	Paper feeding button
	English characters	Size:12*24dots, Number per line:32
	Button	Paper feeding button
	Power	7.2-8.4VDC/3A



Physical Layer Parameter	
Display Screen	4 inch LCD screen, 480x800 IPS screen, capacitive touch screen
Touch screen	Thicken tempered glass(thickness 1mm); supports 10 points touch and double-click for waking up
Keyboard	Physical keypad with 19 physical keys
Camera	8.0 million pixels; support auto focus and fill-flash function.
Headset	Supports standard headset 3.55mm, Bluetooth headset; support Mike and receiver function
Vibration Function	Vibrating prompt function
Sensor	Supports light sensation, gyroscope, compass, gravity
Flashlight Function	Used for emergency lighting
Rechargeable Lithium Battery	3.7V, 3800mAh
Dock station (Cradle)	support
Pistol grip	Support
Handle Battery	3.7V, 5000mAh
Standby	The standby current is less than 10mA
Dimension	168mm*75mm*26mm
Weight	350g
Environmental characteristics	
Working Temperature	-30℃ ~ +50℃
Storage Temperature	-40℃ ~ +60℃
Humidity	5%-95% relative humidity; no condensation