

ST907W-HG

SPECIFICATION

General Specifications	
Operating System	Android 5.1 OS
CPU	MSM8916, Cortex A53, Quad core CPU, 1.2GHz
RAM	RAM: 2G FLASH: 16G
Extended Storage	MicroSD, Maximum 32G
USB port	5 pin MicroUSB; support OTG (U-disk/Mouse/Keyboard/USB Ethernet cable)
Mini Sim Card slot	Support
OTG	Support, through OTG can meet 100M network port, network card setup, PPPoE dial-up, web browsing. Support OTG extend RS232 serial port
External port	Charge port 2.5mm, headphone port 3.5mm
Protection Grade	
Industrial Protection Grade	IP67 waterproof class:7 Dust proof:6
Drop Grade	Drop resistance from 1.2m
Environment test	Drop proof MIL-STE-810G
Certificate	CE/RoHS/FCC
Wireless Communication	
Bluetooth	Support 4.0
GPS	Support GPS, DBS, GLONASS and professional GPS,Ublox; GPS and Beidou (alternative)
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 et c. Type: TCSIST Sensor type: capacitive 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)
Far infrared meter reading	Working frequency 37.9KHZ
Barcode Scanning	1D Infrared Scanner Index: Scanning speed: 50 times/second Scanning distance: 5.7cm-61.0cm Scanning angle: 53.3° ±3°
	1D Laser Scanner Index: Scanning speed: 104 times/second+12 times/second (two way scanning) Scanning distance: 2.5cm-114.3cm Scanning angle: 47±3°(default) /35±3°(reduced code)
	2D Barcode Scanner Index: Identification ability: 1D, 2D, OCR Scanning angle: rotate 360°, incline±50°, deflection ±50° Field of View: Horizontal 36°, vertical 23° Depth of field: 4cm-23.5cm Environmental luminance: 0~100,000 LUX
RFID	LF RFID: 134KHZ LF RFID or 124KHZ LF RFID
	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 Output power: 10dBm-30dBm Identification distance: not more than 6m
Physical Parameters	
Display Screen	7 inch LCD screen, 1280x800 IPS screen, capacitive touch screen
Keyboard	Android menu, Homepage, Return, Volume, Barcode, ON/OFF, Reset
Camera	2 million pixels front camera, 8 million pixels rear camera with automatic focus and lighting function
Headset	3.5mm audio Interface, has mike and telephone receiver
LED indicator light	Support (ordinary flicker, Call fast flicker, missed calls) three status bar
Flashlight Function	Support, can be used for emergency lighting
Googleplay store	Support
Gravity sensor	Support
Compass	Support
Vibrating motor	Support
FM	Support
Rechargeable Lithium Battery	3.7V, 7000mAh
Standby	standby current less than 10mA
Dimension	209mm*139mm*19mm
Weight	590g
Environmental Characteristics	
Working Temperature	-20°C~ +50°C
Storage Temperature	-40°C~ +60°C
Humidity	5%-95% relative humidity; no condensation
Certificate	CE/RoHS/FCC
Environment test	Drop proff MIL-STE-810G