

HYTTST908-PDA - Industrial

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

HYTTST908-PDA Mobile Android PDA terminal is portable and digital data acquisition mobile terminal with the functions of 1D /2D barcode scanning, UHF RFID reader, GPS positioning, WIFI, Bluetooth, Camera and so on.

NFC RFID Reader is available with 1443A and ISO15693 protocol ,UHF RFID 860MHZ to 960MHZ America standard and European standard

It can be widely used in the area of industrial, industrial manufacturing, logistics management, assets management and routing inspection, Motorcycle Race, Person access control system, electric power inspection domain, warehouse management, animal management, metal management and etc.

Your Best Choice of Industrial PDA, Direct Deal from Factory.





I. Features

Android 4.4 operating system

MSM 4 core CPU, 1.2GHZ; RAM: 1G; Flash: 8G (optional RAM2G,ROM16G)

IP65/Drop resistance from 1.2m

4 inch IPS LCD screen

4G, WI-FI, Bluetooth, GPS

Physical keypad on Android

1D CCD barcode scan, 1D laser barcode scan, 2D barcode scan

RFID reading function: LF/HF/UHF RFID Reader

High resolution fingerprint function

Fast built-in Printer

Pistol grip and docking station (Cradle)

Dual-battery System

II. Applications

Logistics

Medical Treatment

Electrical Power

Gas Inspection

Purchasing Fair



Trace and Locate



Collect and Record



Check and Update

III. Specifications

Standard Parts

General Specifications

Operating system	Android 4.4 embedded OS
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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 ethernet 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
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, SR1X4K (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

Packing

NO.	Items	Picture
1	HYTTST908-PDA Industrial	
2	Charger	
3	USB Cable	
4	User Manual	
5	Earphone (Optional)	
6	Pistol grip(optional)	
7	Docking station (Cradle)(optional)	

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Ordering Information

Ordering Information	Module Code	Module Type	
Standard / Basic Part			
ST908 Host LTE/WCDMA/GSM LTE_FDD B1/B3/B7 LTE_TDD B41/B40 WCDMA B1//B2/B5 GSM 900/1800/1900	HYTTST908W-G	Android 4.4 OS, Quad Core, 1.2G IP65 / Bluetooth /4G/ WIFI / GPS with accuracy 10m 4 inch IPS 400*800 / 8 Million Pixels Camera 3800mAh Lithium Battery	
Optional Module			
Barcode Scanning	N	1D laser barcode Honeywell N4313	
	9	1D Laser Barcode Scanning Motorola SE955	
	Z	1D laser barcode EM1350 Newland	
	2	2D Barcode Scanning (Honeywell N3680 or Motorola soft decoding)	
RFID	LF RFID	4	LF 134KHZ (FDX)
		5	LF 125KHZ
		C	LF 134KHz (FDX/HDX)
	HF RFID	H	HF RFID 13.56Mhz
	UHF RFID (865-868MHZ is optional)	1/N	UHF (902 to 928MHZ- 1 or 865-868MHZ- N , 0.45m)
		3/O	UHF (902 to 918MMHZ- 3 or 865-868MHZ- O , 2m)
M/E		UHF (902 to 918MHZ- M or 865-868MHZ- E , 4m)	
High Precise GPS	P	High Precise GPS Locating Module with accuracy <2.5m	
Fingerprint	F	Fingerprint Module	

All information provided in this data sheet is believed to be accurate. Reserves the right to discontinue and change specifications and prices at any time without prior notice.