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INDUSTRIAL TABLET PC

OVERVIEW

HYTTST907 NEW industrial tablet PC, which adopts quad core 1.2 GHz CPU and Android 4.4 operation system; LCD screen is readable under sunlight; can configure barcode scanning, RFID reader, fingerprint identification as well as other information acquisition module; has super long battery life; IP67 high reliable three-proof structure; drop resistance from 1.2m; HYTTST907 NEW rugged tablet PC is an Internet information terminal which has advanced technology, powerful function and reliable performance.

HYTTST907 NEW adopts the combination of host and modular jacket design concept. It not only has intelligent operation platform but also has functional modular jacket with flexible configuration. So it can satisfy the customized requirements from different customers.

KEY FEATURES

SPECIFICATIONS

-- Advanced system: Android 4.4 operating system; quad core 1.2 GHz CPU; RAM 2G

-- Three-proof design: IP67 three protection grade, drop resistance from 1.2m

-- Visible under strong light; 7 inch LCD screen, 1280x800 IPS capacitive touch screen

-- Powerful function: multi function information acquisition configuration (1D/2D bar code scanning, LF/HF/UHF RFID reader, fingerprint identification)

-- Multi communication modes: support 4G, WIFI, Bluetooth and many wireless communication modes

-- Strong battery life: more than 600 hours of continuous standby

-- Support professional GPS: support differential data or common GPS

-- Support jacket extension: satisfy custom applications from customers

OUTDOOR APPLICATION, WIDELY USED
OPTIONAL MODULES, COMBINE AT WILL
INDUSTRIAL PROTECTION, MILITARY QUALITY

General Specifications

Operating System	Android 4.4 OS
CPU	MSM8916, Cortex A53, Quad core CPU, 1.2GHz
RAM	RAM: 2G
	FLASH: 16G
Extended Storage	Micro SD, 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 etc.
	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 37.9K
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

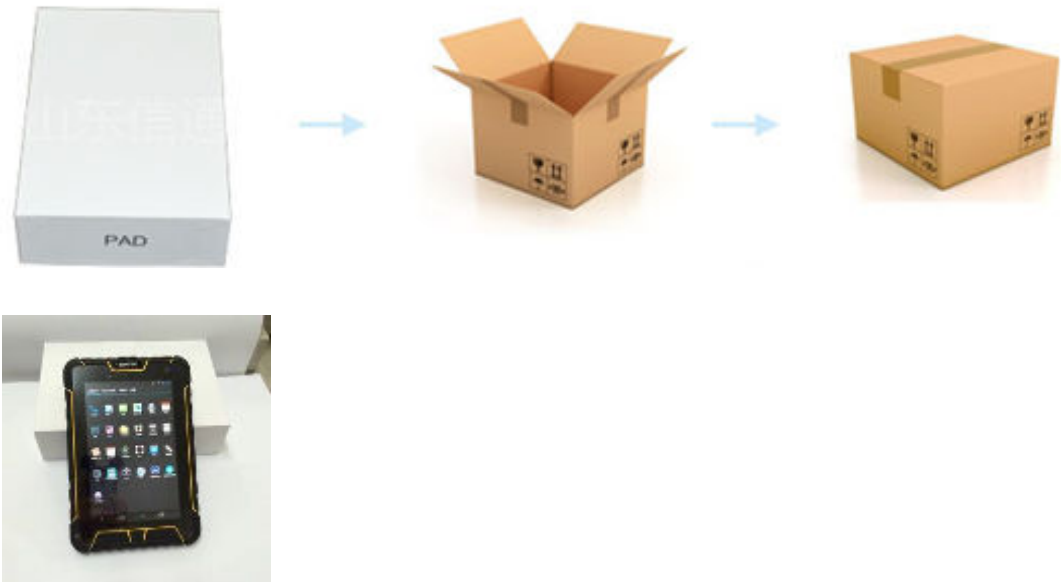|	Output power: 10dBm-30dBm Identification distance: not more than 6m
Physical Parameters	
Display Screen	7 inch LCD screen, 1280x800 IPS screen, capacitive touch screen
Keyboard	Android menu, Homepage, Return, Volume, Barcode, ON/OFF, Reset
Camera	2 million pixels front camera, 8 million pixels rear 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℃ ~ +50℃
Storage Temperature	-40℃ ~ +60℃
Humidity	5%-95% relative humidity; no condensation
Certificate	CE/RoHS/FCC
Environment test	Drop proff MIL-STE-810G

APPLICATION

This advanced industrial-grade mobile information terminal can been widely used in mobile informatization projects of various industries, for example inspection, electric power, communication, gas, water affairs, logistics, medical treatment, government affairs, police affairs, forestry, traceability and other fields.

PACKAGING

NO.	Items	Marks
1	HYTTST907 Industrial PC	
2	Charger	
3	USB Cable	
4	User Manual	
5	Handbelt	Optional
6	Earphone	Optional
7	OTG line	Optional
8	USB-RJ45 connector	Optional
9	Wall mounting/fix	Optional

ORDERING INFORMATION

Ordering Information	Module Code	Module Type
Standard / Basic Part		
GSM/GPRS/EDGE WCDMA/HSDPA/HSUPA	W	GSM: 900/1800/1900 B2/B3/B8 WCDMA: 850/1900/2100 B1/B2/B5 FDD-LTE: 1800/2100/2600 B1/B3/B7 LTE_TDD:2555-2655MHz/:2300-2400MHz B41/B40
Optional Module		
Barcode Scanning	R	CCD Barcode Scanning, Motorola SE655
	J	1D Laser Barcode Scanning, Motorola SE955 or Honeywell N4313
	2	2D Barcode Scanning include PDF417 QR code and so on EM3096 from Newland or Honeywell N3680
LF RFID	4	LF 134KHZ FDX
	5	LF 125KHZ
	D	LF 134KHZ FDX and HDX
NFC RFID	H	HF RFID 13.56Mhz
UHF RFID	1	UHF (902MHZ-928MHZ, 0.5m)
	3	UHF (902MHZ-928MHZ, 2m)
	M	UHF (902MHZ-928MHZ, 4m)

	O	UHF（865-868MHX,about 2m）
	E	UHF(865-868MHX,about 4m)
GPS	G	GPS Locating Module included in host
	S	High Precise GPS Locating Module
Fingerprint	F	Fingerprint Module
Infrared module	T	infrared consumption reading for power