

UHF/Barcode/Infrared Android Tablet Mobile Reader

LP-007

4G

INDUSTRIAL TABLET PC





OVERVIEW



LP-007 utilizes advanced technology and provides powerful function and reliable performance.

LP-007 adopts quad core 1.2 GHz CPU and Android 4.4 operation system and can configure barcode scanning, RFID reader, fingerprint identification as well as other information acquisition module. It utilizes advanced technology and provides powerful function and reliable performance. The tablet PC 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.

LP-007 features super long battery life, IP67 high reliable three-proof structure, drop resistance and LCD screen readable under sunlight. It can be 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.

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, 1280×800 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

OUTDOOR APPLICATION, WIDELY USED

OPTIONAL MODULES, COMBINE AT WILL

INDUSTRIAL PROTECTION, MILITARY QUALITY

General Specifications

Operating System	Android 4.4 OS
CPU	MSM8916, A53, 4 core CPU, 1.2GHz
RAM	RAM: 2G
	FLASH: 16G
Extended Storage	Micro SD, Maximum 32G
USB port	5 pin Micro USB; support OTG (U-disk/Mouse/Keyboard/USB Ethernet cable)
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, headphone port

Protection Grade

Industrial Protection Grade	IP67
Drop Grade	Drop resistance from 1.2m

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	FDD/WCDMA/GSM LTE_FDD 1800/2100/2600 B1/B3/B7 LTE_TDD B41/B40 WCDMA 850/1900/2100 B1//B2/B5 GSM 900/1800/1900 B2/B3/B8

Data Acquisition (Optional)

Fingerprint identification	Supports fingerprint entry, image collection, fingerprint recognition, fingerprint deletion etc. (Authentec)	
	Type	TCSIST semiconductor sensor
	Sensor type	Capacitive

	ISO Template	Support ISO19794	Support FIPS-201 compliant
	Acquisition window size	24.5*19MM	
	Effective image size	15.5*18.5MM	
	Image Size	256*360 Pixels	
	Image Resolution	500DPI	
	Matching mode	contrast mode(1:1); search mode(1:N)	
Far infrared meter reading	Working frequency 37.9K		
Barcode Scanning	1D Infrared Scanner Index: Motorola SE655 Scanning speed: 50 times/second Scanning distance: 5.7cm-61.0cm Scanning angle: 53.3° ±3°		
	1D Laser Scanner Index: Motorola SE955 or Honeywell N4313 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:NLS-EM3096 or Honeywell N3680 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
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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, 7200mAh
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

APPLICATIONS



This advanced industrial-grade mobile information terminal can be 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	Picture
1	LP-007 NEW Industrial PC	
2	Charger	
3	USB Cable	
4	User Manual	
7	Handbelt (Optional)	
8	Earphone (Optional)	

ORDERING INFORMATION

Configuration		Module Code	Description
Standard / Basic Part			
LP-007 W-G Host(include GPS with accuracy 10m,you also can choose High Precise GPS with accuracy 3m)		LP-007 W-G	Android 4.4 OS, quad core, 1.2G RAM:2G ROM: 16g Bluetooth/WIFI/GPS 8 million pixels Camera 7200mAh lithium battery
Optional Module			
Barcode Scanning		R	CCD Barcode Scanning (Motorola SE655)
		J	1D Laser Barcode Scanning(MotorolaSE955/Honeywell N4313)
		2	2D Barcode Scanning (NLS-EM3096)
RFID	LF RFID	4	LF 134KHZ
		5	LF 125KHZ
	HF RFID	H	HF RFID 13.56Mhz
	UHF RFID (865MHZ-868MHZ is optional) O:865-868 MHZ 2m E:865-868MHZ 4m	1	UHF (902-928MHZ, 0.5m)
		3	UHF (902-928MHZ, 2m)
		M	UHF (902-928MHZ, 4m)
High precise GPS		P	Common High Precise GPS Module
High precise GPS		B	Beidou
Fingerprint		F	Fingerprint Module

Contact Us



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