

Android 9.0 IP67 Rugged UHF/Barcode/Infrared Android Tablet (LP-007)

Overview

The industrial IP67 PDA utilizes advanced technology and provides powerful functions with reliable performance.

This industrial PDA adopts Qualcomm Snapdragon 450 platform, Octa core 1.8 GHz CPU and Android 9.0 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 PDA 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 industries.

The Android PDA features super long battery life, IP67 high reliable three-proof structure, drop resistance and LCD screen readable under sunlight. the Android Tablet is ideal for employees across a range of industries, including mobile field services, logistics, warehousing, transportation, manufacturing, fleet management and more. Its impressive flexibility enables you to supply one device to meet many requirements; and it is built to be a key member of your IT infrastructure.



Key Features

- **Advanced system:** Android 9.0 os operating system; Octa core 1.8GHz CPU; RAM 4GB,ROM64GB
- **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 functions data acquisition configuration (1D/2D bar code scanning, LF/HF/UHF RFID reader, fingerprint identification)
- **Multi communication modes:** wireless communication 4G, WIFI, Bluetooth etc.
- **Super long life:** 7200mA, more than 600 hours of continuous standby
- **Light weight:** 590g only



Technical Data:

General Specifications

Model NO.	LP-007
Operating System	Android 9.0 OS
CPU	Qualcomm SDM450 Octa core CPU, 1.8GHz

RAM	RAM: 4G
	FLASH: 64G
Extended Storage	Micro SD, Maximum 128G
USB port	5 pin MicroUSB; 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 4.2
GPS	Support GPS, DBS, GLONASS and professional GPS,Ublox; GPS and Beidou (alternative)
WIFI	Support IEEE 802.11a/b/g/n/ac 2.4G+5G dual band
Band	Band Version 1(North America version)
	LTE-FDD:B2/B4/B5/B7/B12/B13/B14/B25/B26 LTE-TDD:B41

	WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900M
	Band Version 2(China and Europe verison)
	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8 TD-SCDMA:B34/B39 CDMA:BC0 GSM:900/1800M

Data Acquisition (Optional)

Fingerprint identification	Supports fingerprint entry, image collection, fingerprint recognition, fingerprint deletion etc.	
	Type	TCSIST semiconductor sensor
	ISO Template	Support
	Sensor type	Capacitive
	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	

	<i>Internal 1D Infrared Scanner: Zebra SE655</i>
	Scanning speed: 50 times/second
	Scanning distance: 5.7cm-61.0cm
	Scanning angle: 53.3° ±3°
Barcode Scanning	External 1D Laser Scanner: Honeywell N4313 Zebra EM1350
	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 : Internal Honeywell N6603 2D laser or External Newland NLS-EM3296
	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	<i>LF RFID:</i>

	134KHZ LF RFID or 125KHZ LF RFID
	<i>NFC (HF) RFID:</i>
	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
	<i>UHF RFID:</i>
	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 ImpinjR2000 chipset

Physical Parameters

Display Screen	7 inch LCD screen, 1280×800 IPS screen, capacitive touch screen
Keyboard	Android menu, Homepage, Return, Volume, Barcode, ON/OFF, Reset
Camera5	million pixels front camera, 13 million pixels rear camera with automatic focus and lighting functionn

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°C ~50°C
Storage Temperature	-40°C ~60°C

Humidity	5%-95% relative humidity; no condensation
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