![LightPioneer logo] **LightPioneer**

PROFESSIONAL RFID

Handheld Computer
LP-006

Features

· **Android 5.1.1 OS**
· **Large 5.0" TFT-LCD**
· **Gorilla Glass 3 Screen**
· **Li-Ion Polymer Battery**
· **Wi-Fi/Bluetooth/GSM/GPS/4G**
· **1D/2D Barcode Reader Optional**
· **Rear 8 MP Camera**
· **Optional Fingerprint Reader**
· **Optional PSAM Security**
· **ETSI & FCC Frequencies**
· **IP65**

RFID Options

· **UHF** (EPC C1 GEN2 / ISO18000-6C)

The LP-006 is a rugged Android Handheld Computer with integrated UHF RFID reader and circular antenna. With its compact and light-weight design as well as multiple mobile data capture options, LP-006 from LightPioneer is the right mobile device choice for all kinds of out- door and indoor uses.

A powerful mid-range UHF reader and the latest communication technology ensure reliable work on the go. LP-006 runs on a high performance Cortex A53 dual core processor, which enables enhanced work efficiency, better task flow and quicker responsive time.

Thanks to Android 5.1.1 OS, six function keypad and capacitive multi-touch display with LED backlight it is intuitive and easy-to-use - exactly the way you use your personal smart devices. A 8 megapixel camera with auto-focus is also available.

IP65 rated LP-006 Handheld features global UHF support and 4G mobile telecommunications technology. 1D/2D Barcode readers as well as fingerprint reader and PSAM security are optional.

| RFID | 1D Barcode | GSM/4G | GPS | Bluetooth | Wi-Fi | Touch Screen | IP65 | Camera | Android OS |

Technical Data

Physical Characteristics

Dimension	170 x 85 x 23mm
Weight	Net 370g (includindg battery & wrist strap)
Display	5.0 in. TFT-LCD IPS (720 × 1280) touch screen with LED backlight
Keypads	3 TP keys, 6 function keys, 4 side buttons
Expansions	2 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion olymer, 3.7V, 45000mAh

Performance Characteristics

CPU	Cortex-A53 1.5GHz Dual Core
RAM/ROM	2GB/16GB
Storage	MicroSD (max. 32GB expansion)

Programming Environment

Operating System	Android 5.1.1

User Environment

Operating Temp.	-20 to 50°C / -4 to 122°F
Storage Temp.	-20 to 70°C / -4 to 158°F 5% - 95%RH (Non-condensing)
Drop Specifications	1.5 m / 5ft. drop to concrete across operating temperature range
ESD	±15kv air discharge, ±8kv direct discharge
Sealing	IP65 IEC Compliance

Communication

WLAN	Wi-Fi IEEE 802.11 a/b/g/n/ac
WWAN	WCDMA(850/2100MHz), GSM/GPRS/Edge 850/900/1800/1900MHz)
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0
GPS	GPS(embedded A-GPS), accuracy of 5 m

1D/2D Barcode Reader (optional)

1 D laser engine	Honeywell N431x
Symbologies	All major 1D barcodes
2D CMOS Imager	Honeywell N6603
Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal.etc.

Fingerprint Reader (optional)

Sensor / Type	TCSIST / Capacitive, area sensor
Resolution	508 DPI
Performance	FRR<0.008%, FAR<0.005%
Capacity	1000

PSAM Security (optional)

Protocol	ISO 7816
Baudrate	9600, 19200, 38400,43000, 56000, 57600, 115200
Slot	2 slots (maximum)

RFID Reader

UHF

Frequency	865 - 868MHz / 902 - 928Hz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna Gain	Circular antenna 2dBi
R/W Range	Up to 1.5 meters (tags and environment dependant)

Camera

Resolution	8.0 megapixel
Lens	Auto-focus with LED flash

Order Codes

Version	Order Code
LP-006 UHF (865 - 868MHz / 902 - 928MHz)	LP-006

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