

LT30A



KEY FEATURES

- **Android 4.0 operation system**
- **4.5" high definition screen, sunlight readable**
- **Built-in 3G, WIFI and Bluetooth module**
- **0.3 megapixel front camera and 8.0 megapixel rear camera with auto flash compensation**
- **Optional intercom, magnetometer functions**

LT30A GIS Handheld Terminal Versatile Mapping Solutions

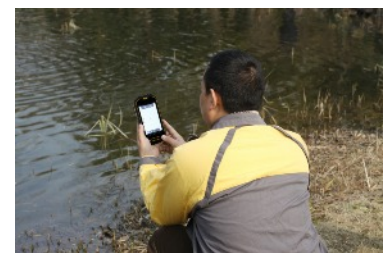
LT30A is a GIS handheld terminal with Android operation system. The versatile functionality of LT30A makes it meet the demands in various fields, like municipal projects, logistics and forestry. Featuring high speed processor and big storage capacity, LT30A helps you get the job done with high proficiency and precision.

Industrial Standard Design

Designed with industrial standard, LT30A even can withstand the drop from 1.2-meter high, and survive the immersion into water with 1-meter depth for 30 minutes, which prepare you for harsh environment. In addition, the 3800 mAh long life battery allows a full-day work which eliminates the worry about recharging in the field.

Multifunction with Extended Possibilities

For LT30A, there are many unique functions available, such as two SIM card slots, smart phone and dual cameras. Meanwhile, the LT30A can also be equipped with a number of optional features, like wireless intercom, magnetometer and 1D/2D barcode scanner.



Technical Specifications

GNSS characteristics

- 50-channel signal tracking
 - GPS: L1, CA code
 - BeiDou: B1
 - SBAS: WAAS, MSAS and EGNOS
- Update Rate: 1Hz
- Time to first fix
 - Cold Start: < 45 s
 - Hot Start: < 3 s

Performance specifications ⁽¹⁾

- Stand alone: 3-5 m RMS
- With SBAS: 1-3 m RMS

System configuration

- Android 4.0 operation system
- 4.5" capacitive touch screen
- Resolution: 960 X 540 pixel
- Processor: 1 GHz
- Memory:
 - Internal 1 GB RAM and 4 GB internal flash storage
 - External TF card slot up to 32 GB
- 0.3 megapixel front camera and 8.0 megapixel rear camera

Communications

- 3G modem: WCDMA/GSM/HSDPA
- Bluetooth V2.1
- WIFI: WLAN 802.11 b/g
- Mini USB port
- Built-in speaker and microphone
- Two SIM card slots (WCDMA+GSM/EVDO+GSM)
- Intercom (optional)

Physical

- Size (LxWxH): 155 x 75 x 25 mm (6.1 x 3.0 x 1.0 in)
- Weight: 326 g with battery (11.5 oz)
- Operating Temperature: -30 °C to +60 °C (-22°F to 140°F)
- Storage Temperature: -40 °C to +70°C (-40°F to 158°F)
- Humidity: 100% condensation
- Dust proof and waterproof: IP65
- Shock: survives a 1.2-meter / 4-foot drop on to concrete

Electrical

- Li-ion battery capacity: 3800 mAh
- Battery life: up to 8 hours with GPS and backlight
- Charging time: < 4 hours (typically)

Sensors

- Electronic compass
- G-sensor, light sensor
- 3D acceleration

Package content

- CHC LT30A handheld receiver
- Li-ion battery
- Screw driver
- Intercom antenna(optional)
- Documentation

⁽¹⁾ Accuracy and reliability specifications may be affected by multi path, satellite geometry and atmospheric conditions. Performances assume minimum of 5 satellites, follow up of recommended general GPS practices.

Specifications are subject to change without notice.

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