

# LT600



## KEY FEATURES

- *Android 5.1 operating system*
- *1.5GHz CPU*
- *8-inch (16:9) screen size, 1280\*800 full-view readable screen*
- *9000mAh Li-ion battery with high performance*
- *4G cellular modem*
- *8.0 megapixel back camera*
- *RFID (Support HF/UHF)*
- *1D/2D bar code scanning, infrared scanning*
- *Support high sensitive point-touch pen*

## General Description

LT600 is a high accuracy GNSS data collecting terminal independently developed by CHC. It adopts industrial third level design and IP65 protection level. Positioning accuracy of the LT600 could reach to decimeter, with alternative configuration of 1D/2D barcode scanning, RFTD, Infrared, NFC and so on. Equipped with high sensitive point touch pen, LT600 makes it more convenient to collect data and map ground. 4G cellular modem with Dual-SIM-Dual-Standby offers more choices of experiencing high speed data transmitting. With 8 inch screen and 16:9 scale, LT600 provides you more open vision and more convenience.

## Rugged and Light

Only 660g in weight and 30mm in thickness, LT600 is far from traditional data collector and offers much better user experience. Light and rugged, IP65 dust proof and waterproof protection level enable LT600 to lead you to wherever you want, even the harsh environment.

## Powerful and Versatile

Driven by high speed processor and mass memory, LT600 is perfect for implementation of GIS jobs. It has 4G cellular modem and multiple sensors are available integrated in LT600, like G-sensor, light sensor, E-compass, gyro, etc, which make LT600 very powerful and versatile. The 1D/2D bar code scanner version is also available.

# Technical Specifications

## System

- Operating System: Android 5.1
- CPU: Eight-Core 1.5 GHz
- RAM: 3GB
- Flash Memory: 32GB
- Memory Extend: Micro SD, up to 128G

## GNSS

- GPS+GLONASS or GPS+BDS supported
- Accuracy: Stand alone: 2m -5m  
SBAS: 2m
- Cold Start: 30s
- Hot start: 1s
- Channel: 72

## Display

- Size: 8-inch Corning Gorilla® Glass touch screen
- Resolution: 1280\*800
- Bright: 450cd/m<sup>2</sup>
- Touch-screen: Capacitive touch, 5 points touch screen
- Point-touch pen: High-precision mapping pen

## Camera

- Front: 2.0 megapixel
- Back: 8.0 megapixel
- Flash light: Support

## Physical

- Dust proof and waterproof: IP65
- Shock: Survives 1.5meter drop onto concrete
- Humidity: 5%RH - 95%RH(without condensation)
- Dimension: 235mm\*138mm\*30mm(L\*W\*H)
- Weight: 660g (with battery)

- Operating temperature:-20 °C to + 60 °C
- Storage temperature: -30 °C to + 70 °C

## Communications

- WiFi: 802.11 b/g/n
- Cellular Modem: TDLTE, TDSCDMA, EDGE, GSM, WCDMA
- Bluetooth: V4.1
- USB: Micro USB,OTG(Support hotplug)
- Bar code: 1D/2D bar code scanner (optional)

## Electrical

- Li-ion battery: 9000mAh
- Voltage: 3.8V
- Battery life: >12h(Continuous work)
- Charging time: <4h

## Physical Properties

- Bar code:1D/2D scanning mode(optional)
- NFC: Optional
- G-sensor: Support
- Light sensor: Support
- Distance sensor: Support
- E-compass: Support
- Gyroscope: Support

(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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