

LT30™



KEY FEATURES

- *Professional GPS/GLONASS engine for harsh environment*
- *Windows Mobile 6.1/6.5 operation system*
- *3.7" VGA sunlight readable screen*
- *High-sensitivity GNSS for outstanding positioning performances.*
- *Built-in GPRS phone and data transmission*
- *Bluetooth and WLAN connectivity*
- *5.0 megapixel camera with autofocus*

Competitive and Reliable

LT30™ is a cost-effective entry-level GNSS handheld receiver with SBAS enabled high-sensitivity GPS+GLONASS strength. Designed for efficient field work in the most demanding conditions, LT30™ features GPS+GLONASS capability, sharp VGA sunlight readable screen and up to 10 hours battery life.

Versatile Data Collector

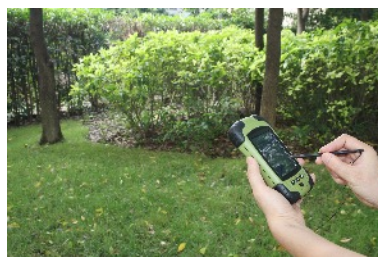
Extremely affordable, LT30™ is the ideal rugged field computer for a large range of applications from GIS data collection and maintenance, agriculture field measurement, environmental control...

Connectivity

With an integrated GPRS voice and data modem, LT30™ offers advanced methods needed to access the Internet and exchange project files with your office. Wireless connection to external devices such as a laser range finder or RTK receiver is simple with LT30™'s Bluetooth and Wi-Fi capability.

Easy software integration

Compatible with field data collection software running on Windows Mobile 6.1/6.5, LT30™ is the solution for an easy-to-deploy GNSS handheld leaving you freedom of choice.



Technical Specifications

GNSS characteristics

- 167-channel
- GPS/GLONASS L1 C/A code
- SBAS (QZSS, WAAS, MSAS, EGNOS and GAGAN) support
- Tracking sensitivity: -165 dBm
- Update Rate: 1/5/10 Hz
- Time to first fix
 - Cold Start < 29 s
 - Warm Start < 28 s
 - Hot Start < 1 s
- Advanced Multi-path Mitigation Technology

Performance specifications ⁽¹⁾

- Stand alone: 3 m RMS
- With SBAS: 2 m RMS
- DPGS: 1.5 m RMS

System configuration

- Windows Mobile 6.1/6.5 operating systems
- 3.7" VGA sunlight readable screen
- 624 MHz processor with Graphics Accelerator
- Internal memory: 512 MB internal flash storage
- MicroSD/MicroSDHC expansion slot up to 8 GB
- 5.0 mega pixel camera with auto focus
- Multi-language supported

Communications

- GSM/GPRS (850/900/1800/1900 MHz) phone and data transmission
- Bluetooth V2.1 Class 3
- 802.11 b/g wireless LAN
- Mini-USB client
- Optional RS232 9-pin serial
- Built-in microphone and speaker

- NMEA 0183 protocol support

Physical

- Size (LxWxH): 158 x 85 x 25 mm (6.3 x 3.4 x 1.2 in)
- Weight: 340 g with battery (12 oz)
- Operating Temperature: -20 °C to +60 °C (-4°F to 140°F)
- Storage Temperature: -30 °C to +70°C (-22°F to 158°F)
- Dust proof and waterproof as per IP65 standard
- Shock: withstand 1.2 meter / 4 foot drop

Electrical

- Li-ion battery capacity: 3000 mAh
- Battery life: up to 10 hours with GPS and backlight

Package content

- LT30TM GNSS handheld receiver
- Li-Ion battery
- 8 GB Micro SD card
- USB data cable
- AC power adapter
- Stylus
- Hand strap

Accessories (optional)

- Vehicle power adapter
- RS232 9-pin Serial Adapter
- External GNSS patch antenna
- External battery charger
- Carry case
- Range pole bracket

⁽¹⁾ Accuracy and reliability specifications may be affected by multi path, satellite geometry and atmospheric conditions. Performances assume

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CHC - Shanghai HuaCe Navigation Technology Ltd.
599 Gaojing Road, Building C
201702 Shanghai, China

Tel : +86 21 542 60 273
Fax : +86 21 649 50 963

Email : sales@chcnv.com | www.chcnv.com