

HCE300

Survey & Engineering

- Android 4.4 OS supported
- 4.3" sunlight readable screen
- Perfect fit with LandStar 7 software
- Alphanumeric keypad with backlight
- Rugged IP68 protection from harsh environment
- 6500 mAh battery for 10 h endurance



HCE300 is a professional Android field surveying controller with alphanumeric keypad which gives many flexibility to surveyors during field work.

As data controller, HCE300 is powered with rugged IP68 rating and 1.5 m fall-survival for the most demanding environment. In addition, the 6500 mAh Li-ion battery capacity can keep you working for long time work without worrying about the power supply.

Adopting variable sensors, like barometer, NFC, noise reduction, gyro, E-compass, G-sensor, etc. The HCE300 also provides Bluetooth, WiFi, dual SIM and dual standby features.

Compatible with field data collection software running on Android OS, HCE300 is the solution for a futureproof GNSS data controller leaving you more options at present or in the future.

Geodesical



■ Technical Specifications

System

- Operating System: Android 4.4
- CPU: MT6589WTK Quad-core 1.5G
- RAM: 1 GB
- Flash Memory: 16 GB
- External Memory: TF Card, up to 32 GB

Keypad

- Keypad: 27 alphanumeric keypad
- Keypad Backlight: White

Display

- Size: 4.3" sunlight readable screen
- Touch Screen: Capacitive touch screen (WVGA 800 × 480 dpi)

Camera

- Camera: 8 megapixel camera with auto-focus
- Flash light

Physical

- Dust and Water Proof: IP68
- Size (L × W × H): 212 mm × 86 mm × 33 mm
(8.3 in × 3.4 in × 1.3 in)
- Weight: 520 g (18.3 oz) with battery
- Environment
 - Operating: -20°C to +60°C (-4°F to +140°F)
 - Storage: -30°C to +70°C (-22°F to +158°F)
- Shock and Vibration: 1.5 m (4.9 ft) fall onto concrete, MIL-STD-810G

Electrical

- Li-ion Battery Capacity: 6500 mAh
- Operating Time⁽¹⁾: 10 h
- Charging Time: 4 h (typical)

Communications

- WiFi: 802.11 a/b/g/n/ac
- Network Modem: Dual SIM card slot
 - SIM 1: WCDMA 850/1900/2100
GSM 850/900/1800/1900
 - SIM 2: GSM 850/900/1800/1900
- Bluetooth®: V4.0
- Audio Jack
- USB: Micro USB, OTG
- USIM

GPS

- Internal GPS, SBAS supported
- A-GPS

Sensors

- G-sensor
- Barometer
- Light sensor
- NFC
- Noise reduction
- FM radio
- E-compass
- Gyroscope

(1) Operating time varies based on temperature.

Specifications are subject to change without notice.

© 2017 Shanghai Huace Navigation Technology Ltd. All rights reserved. The Bluetooth® world mark and logos are owned by Bluetooth SIG, Inc. The CHC and CHC logo are trademarks of Shanghai Huace Navigation Technology Limited. All other trademarks are the property of their respective owners – Rev. Sep 2017

CHC - Shanghai Huace Navigation Technology Ltd.
599 Gaojing Road, Building C
201702, Shanghai, China
Tel : +86 21 542 60 273