

# HCE300

## Survey & Engineering

- Android 4.4 OS supported
- 4.3" sunlight readable screen
- Perfect fit with LandStar 7 software
- Alphanumeric keypad with backlight
- Rugged IP67 protection from harsh environment
- 6500 mAh battery for 10 h endurance



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

As a data controller, HCE300 is powered with the rugged IP67 rating and 1.5 m fall-survival for the most demanding environment. Besides, the 6500 mAh Li-ion battery capacity can keep you working for a long time without worrying about the power supply.

Adopting variable sensors, like the barometer, NFC, noise reduction, gyro, E-compass, G-sensor, etc., 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, offering you more options at present or in the future.



# ■ Technical Specifications

## System

- Operating System: Android 4.4
- CPU: MT6589WTK Quad-core 1.5 GHz
- 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
- Flashlight

## Physical

- Dust and Water Proof: IP67
- 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: -30°C to +60°C (-22°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, Method 514.7

## Electrical

- Li-ion Battery Capacity: 6500 mAh
- Operating Time<sup>(1)</sup>: 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 supported
- 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.

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