



## Features

- ⚙️ **Android 6.0 Operating System**
- ⚙️ **MIL-STD 810 G and IP68 Certified**
- ⚙️ **4.3" Sunlight Readable Touch Display**
- ⚙️ **8 MP Camera with Autofocus**
- ⚙️ **Compact Design with Long Battery Life**
- ⚙️ **Dual SIM and Dual Standby**
- ⚙️ **Integrated 4G, Bluetooth<sup>®</sup> and Wi-Fi**

### ANDROID-BASED GNSS DATA CONTROLLER

The SinoGNSS R500 is a professional GNSS data controller with smartphone capabilities. Carry the R500 with GNSS receivers in the field, you are able to achieve survey workflow with seamless communication to the office. With 4.3" sunlight-readable touch display and backlight keypad, the R500 ensures you work smarter and faster at your fingertips.

### ULTRA-RELIABLE IN THE FIELD

The IP68 dust and water proof rating protects the R500 from most of harsh environments, and the 6500 mA Li-ion battery allows you work all day long for multiple surveying tasks. You will also benefit from its large capacity internal and up to 64 GB external storage. The integrated autofocus camera helps you enhance job documentation by taking photos on site and sharing job information with your colleagues.

### ENHANCED CONNECTIVITY

The R500 is designed with Dual SIM and Dual Standby that is compatible with multiple cellular modules. Combined with integrated Bluetooth<sup>®</sup> and WIFI, you are able to easily connect or control the SinoGNSS T300 GNSS receiver, enhancing efficiency and productivity in the field.

### DESIGNED FOR FLEXIBILITIES

Survey Master field software available on the R500 controller ensures you efficient survey in the field, such as topographic survey, stakeout, COGO and more. Powered by Android 6.0 operating system, you can run other third-party Apps based on your specific requirements. The R500 is also a versatile handheld featuring various sensors, such as G-sensor, Barometer, Light-Sensor, NFC, Compass, Gyroscope etc.

## Overview

- Android 6.0 operating system
- 4.3" capacitive touch screen
- 1.3 GHz processor
- White backlight keypad
- 8 megapixel camera with autofocus
- High light Flash LED
- Dual SIM Dual Standby

## Communications

- WLAN 802.11 a/b/g/n/ac
- SIM 1:
  - 4G: FDD 1/3/7/20, TDD 38/39/40/41
  - 3G: 1/2/5/8/34/39
  - 2G: 2/3/5/8
  - CDMA: BCO
- SIM 2: Support GSM850/900/1800/1900
- Bluetooth: BT 4.0
- USB: Micro USB, OTG
- Built-in microphone
- Video Phone

## Physical

- Working time: >14 hours (with WIFI,3G and LCD on)
- Standby time: 720 hours
- Working environment: -10 °C to + 55 °C
- Storage temperature: -30 °C to + 60 °C
- Weight: >520 g with battery
- IP68 standard dustproof and waterproof
- Shock: Designed to survive a 0.8 m drop onto concrete

## Electrical

- Li-battery capacity: 6500 mAh
- ROM: 16 GB
- RAM: 2 GB
- Extensible TF card, up to 64 GB

## Sensors

- G-sensor
- Barometer
- Light-Sensor
- NFC
- Noise Cancellation
- Proximity-Sensor
- Compass
- Gyroscope

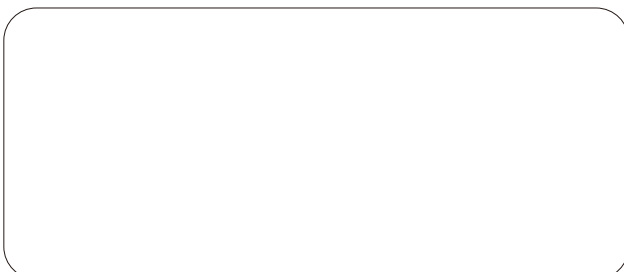
## Included Accessories

- AC adapter × 1
- USB cable × 1
- Hand strap × 1
- Battery × 1

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