

Data Collector eGPS HC3



Work with Confidence.

Works with GPS, Total Stations and Robots Using Long Range Bluetooth

Buy this unit with confidence knowing you can use it with yesterday's total stations and robots with external radios and today's GNSS receivers, total stations and robots using long range Bluetooth.

Features

- ▶ IP54 - Limited protection against dust and water
- ▶ 6500mA battery
- ▶ 9 pin serial port
- ▶ 3.5G GSM modem, WiFi, Bluetooth and 3000 ft long range Bluetooth
- ▶ 1 year warranty
- ▶ 1 GHz, 512MB RAM, 1GB storage expandable to 33GB
- ▶ Optional external antenna for survey accuracy

Choice, Choice, Choice

Network connectivity for RTN rovers and file transfer is accomplished through Carlson Cloud, the convenient internal 3.5G GSM modem or WiFi, depending on the wireless coverage in your area.

Long Range Bluetooth

Building on the success of the HC1 and HC2, the HC3 comes with a 1 GHz CPU in addition to the external long range Bluetooth antenna introduced with the HC2. The long range Bluetooth radio in the HC3 is capable of operating the GeoMax Zoom90 robot beyond 3000'.

eGPS HC3 Data Collector



eGPS HC3 Data Collector

Overview

Processor	1 GHz
Storage	1GB (expandable to 33GB using a MicroSD card)
RAM	512MB
Operating System	Windows Embedded 6.5
Multi-Language	✓
Keypad	27 numeric + programmable keys
Mic	✓
Speaker	✓
Display	3.7" sunlight readable with integrated touchscreen
Display Resolution	480 x 640
Camera	5 megapixel
Dimension	7.87"(W) x 3.78"(H) x 1.26"(D)
Weight	1.2 lbs. with battery

GNSS Performance

GNSS	GPS L1 + GLONASS L1
Raw Data	-
NMEA-0183	✓
Rover/Base	-

Accuracy (Internal Accord Accuracy)

Autonomous	2.5m
SBAS	2m
RTK	-

Communications & Data Storage

Long Range Bluetooth	HC3 to Zoom90: 3050 ft
GSM/3G	3.5
WiFi	✓
USB Port	Type B USB
Serial Port	DB9 (RS232) (COM2)

Power

DC Input	DC 5 V, 1 A
Detachable Li-ion Battery	6500 mA, 3.7 V

Environment

Operating Temperature	-20 °C ~ +60 °C (-4 °F ~ 140 °F)
Storage Temperature	-30 °C ~ +70 °C (-22 °F ~ +158 °F)
Limited Dust and Water	IP54
Drop	1.2 m protection

Standard Accessories

- ▶ Belt clip with stylus
- ▶ USB connectivity cable
- ▶ DC charger
- ▶ Serial cable
- ▶ Clear screen protector
- ▶ External Bluetooth antenna
- ▶ HW-02 mounting bracket and claw

Optional Accessories

- ▶ 2 meter GNSS pole
- ▶ Bipod

We will not let you fail.

Specifications are subject to change without notice.



eGPS Solutions
4317 Park Drive Suite 104
Norcross, GA 30093

t: 770.695.3361
f: 770.695.0803

info@egps.net
www.egps.net