

GeoSCOUT X Data logger

Data Collection Made Easy

The GeoSCOUT X data logger is an easy-to-use and reliable tool for collecting geospatial data from Holland Scientific sensors and other sensors that provide RS-232 text-based data streams. Geospatial sensor data are stored on an internal, 2GB, SD flash card. All data is stored in files that are organized with a comma-separated-variable text format for easy import into third-party GIS mapping and analysis software. The GeoSCOUT X can support 4 Crop Circle sensors plus two additional RS-232 serial devices. Position offsets for each sensor can be readily configured.

Features

Serial Activity Indicators

Internal GPS

128 by 64 Pixel
Backlit Display

11-key Tactile
Keypad

2GB of Internal
Storage Memory

5 Serial Ports:
3 Sensor, Ext GPS and VRA
Control

Easy-to-hold
Ergonomic Enclosure



Specifications:

Internal Memory: SD FLASH (class 4 or higher recommended)

Memory Capacity: 2 to 32 GB

File System: FAT-16 or FAT-32 DOS compatible

Data Transfer: Mini B USB connector, 1.5 Mb/sec transfer rate

Keyboard: 11-key metal dome, tactile

Display: 128 by 64 pixel backlit liquid crystal display

Internal GPS Accuracy: <2.5m CEP50

External GPS Serial Port: 4800, 9600, 19200 or 38400 baud, Odd/Even/No parity, 8 or 9 data bits and 1 or 2 stop bits

Control Serial Port: 4800, 9600, 19200 or 38400 baud, Odd/Even/No parity, 8 or 9 data bits and 1 or 2 stop bits

HS Sensor Serial Port: Communication parameters are selected automatically

AUX1/AUX2 Serial Ports: 4800, 9600, 19200 or 38400 baud, Odd/Even/No parity, 8 or 9 data bits and 1 or 2 stop bits

Electrical/Mechanical:

Internal Power Source: Lithium ion battery (powers the data logger, not external sensor(s))

Sensor Voltage Output: Short circuit protected, over current limited to 4 Amperes

Input Voltage Range: 10-16VDC, load dump and reverse bias protected

Dimensions: 8.25 in. (21.0 cm) X 5.1 in. (13.0 cm) by 2.0 in. (5.1 cm)

Enclosure: Injection molded, ABS material

Environmental: IP64 for splash and dust resistance.

Optional Accessories:

Dual GPS/CTRL serial adapter cable

Dual AUX1/AUX2 serial adapter cable

Two meter power cable

USB serial cable, mini type B to type A

Serial port dust cover caps

NOTES:

For more information contact



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All specifications subject to change without notific