CanMore™

GP-101 Sport tracker/Guide Mate

Canmore GP-101 provide the GPS handheld device in IPX4 waterproof level for Anti-Splash . GP-101 is the easiest to use personal location finder. Just mark the location and Back Track will get you back to the location with ease and precision of GPS technology.

Application for: Sporting, Hiking, Fishing, Parking, Travel.

FEATURES

- GPS position, Provides real time info on latitude, longitude, direction, time and speed.
- Finder/ The estimate straight line distance measuring of the back track
- 3 Back Track / Point of Interest points
- Built-in digital compass
- The thinnest tracker device and large backlit LCD screen
- Support cycling, walking modes
- 2M Bytes flash memory for data logging, with 16 bytes binary data per record that stores up to 200,000 data records
- Log data can be exported to mapping software such as Google Earth and TrackMaker
- Logging data interval programmable: by time or distance
- Rechargeable and replacement Li-ION battery
- Low power consumption; operate up to 12/20 hours (backlight off/on)
- Dimension:79.8x45.2x14.5 mm

The GP-101 is optimized for good performance and low cost. Its 65 parallel channels and Venus 6 search bins provide short start-up time and fast signal acquisition. Having fast time-to-first-fix and high sensitivity, the GP-101 offers good navigation performance even in urban canyons.

The GP-101 is capable of keeping up to 200,000 records or positions, including longitude, latitude, speed, UTC, and tag data. The location histories can be exported to mapping software such as Google Earth or TrackMaker.

Satellite-based augmentation systems, such as WAAS and EGNOS, are supported to yield improved accuracy.

The onboard patch antenna provides good signal reception. It provides fast satellite signal acquisition and short startup time. Acquisition sensitivity of –155dBm and tracking sensitivity of –160dBm offers good navigation performance even in urban canyons having limited sky view.

CanMore Electronics Co., Ltd.

www.canmore.com.tw

TECHNICAL SPECIFICATIONS

Receiver Type	65 parallel channels, L1 C/A code
Accuracy	Position 5m CEP Velocity 0.1m/sec
Startup Time (average)	< 1sec hot start < 30sec cold start
Signal Reacquisition	1s
Sensitivity	-155dBm Re-acquisition -160dBm tracking -147dBm Cold Start
Update Rate	1Hz standard
Dynamics	4G ($39.2 m/sec^2$)
Operational Limits	Altitude < 18,000m or velocity < 515m/s (COCOM limit, either may be exceeded but not both)
Protocol	NMEA-0183 V3.01 GPGGA, GPGLL, GPGSA, GPGSV, GPRMC, GPVTG 9600 baud, 8, N, 1
Datum	Default WGS-84 User definable
Dimension:	79.8x45.2x14.5 mm
Weight:	53g (Including Battery)
IO Interface	USB interface(Mini-USB connector)
LED Indicator	Blue – Charging battery (the light will off after finishing)
Key/button	Three button: Power; Down/Enter; Up/ESC
Display	128*128 dots; 1.8"
Battery	For battery socket Li-ION rechargeable battery (700 mA)
Input Voltage	5V DC
Power Consumption	Low power consumption; operate up to 12/20 hours (backlight off/on)
Operating Temperature	$-10^oC \sim +60^oC$
Storage Temperature	$-20^oC \sim +70^oC$
Waterproof	IPX4

CanMore Electronics Co., Ltd.   www.canmore.com.tw

Mechanical Dimension

CanMore Electronics Co., LTD.

No. 40, Chenggong 5th St., Jhubei City, Hsinchu County, 302, Taiwan

Phone +886 3 6586046

Fax   +886 3 6583940

Email sales@canmore.com.tw

Website:http:// www.canmore.com.tw

http://canmorecorp.trustpass.alibaba.com/

CanMore Electronics Co., Ltd.   www.canmore.com.tw