



**GD-101 GPS Director** NEW!

► **Specification**

**Electricity**

GPS chipset: High sensitivity single chip solution

Frequency: L1, 1575.42 MHz

C/A Code: 1.023 MHz chip rate

Channels: 48 channel all-in-view tracking

Sensitivity: Tracking:-161dBm

**Display**

Pixel H\*W: 96x65 dot Matrix

Backlight Type: White

**Power**

Battery Type: AAA X 2

Operation Time: 9 hours

**Buttons**

Power/Backlight Button:

Short-click: Turn on backlight.

Long-click:

1. Power off device under main screen.

Return to last page under each setting screen..

Selection/ Setting Button:

Short-click: To select.

Long-click: To set.

Make GD-101 enter main screen by long clicking Power/Backlight Button and Selection/ Setting Button at the same time.

**Appearance**

Dimension: 60 X 60 X 28 (mm)

Weight: 45g, (Not including batteries)

COORDINATES SYSTEM

COORDINATES SYSTEM: Default: WGS-84

**DYNAMIC CONDITION**

Accelerate Speed: Less than 4G

Height Limit: 18,000 Meter

Speed Limit: 515 m/sec

Vibration Limit: 20 m/sec\*\*3

**GPS FIX TIME**

Hot Start: Average 1 second

Warm Start: Average 38 second

Cold Start: Average 42 second

Get GPS fix Again: Average 0.1 second

**Antenna**

GPS antenna: 12 X 12 mm, Patch Antenna

**ACCURACY**

Horizontal Position: 10 meters, 2D RMS

1-5 meters 2D RMS, WAAS corrected

Speed Accuracy: 0.1 m/sec

Time Accuracy: 1 micro-second synchronized to GPS time

**Temperature**

Operation Temperature: 0°C ~ 50°C

Storage Temperature: -20°C ~ 70°C

Humidity Range: Operational up to 95% non-condensing

**Certification**

FCC: USA (Covers requirements for CANADA ICES-003)

CE: Europe