



## Model GP-300



### Featuring:

Built-in 12 tracking 24 acquisition-channel GPS, GLONASS, WAAS, EGNOS, MSAS, GAGAN, QZSS receiver for extremely short time-to-first-fix from cold start and enhanced positioning accuracy. User-supplied external GPS data may also can be interfaced with AIS sentence.

Directly interfaces with various types of host navigation equipment via industry standard RS-422 port of NMEA-0183 Ver. 2.0

Remote Display function interface with external GPS compass, Echo Sounder, AIS Transponder

5.0 inch color WVGA LCD Screen 800 x 480 dots with white backlight LED.

Full screen display of LAT/LON Position Data, Plotter Screen, Compass Heading, AIS, 3D Navigation, Speed Meter, Satellite Status Data, Depth Data pages.

AIS information (MMSI or Call-sign/Name/heading/speed) from external AIS Transponder (JMC Model AIT-202A) can be displayed on AIS target display screen with audible/visual alarm against other vessels approaching user-specified alarm zone.

Audible and visual alarms are available for arrival, anchor, cross-track error, GNSS fix, SBAS, HDOP, AIS, depth, speed alarm.

Housed in a compact, sturdy ABS cabinet suitable for the corrosive marine environment.

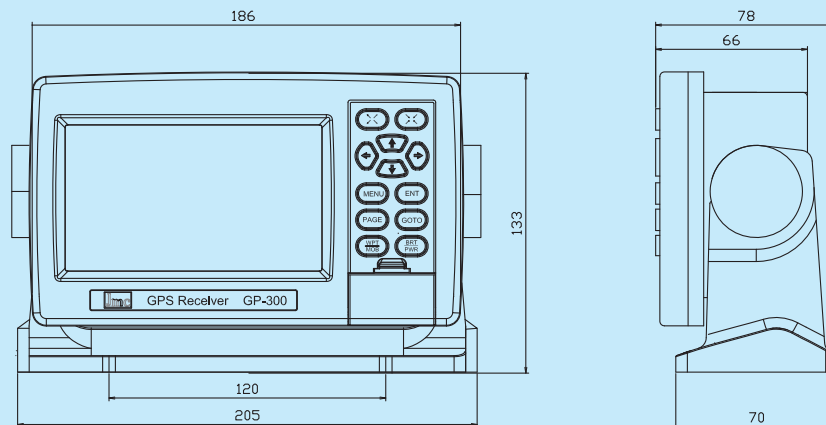
Multi-languages are available, English, Simplified Chinese, Traditional Chinese, Vietnamese, Malay, Turkish, Thai, Greek, Indonesian and Japanese.

## Specifications:

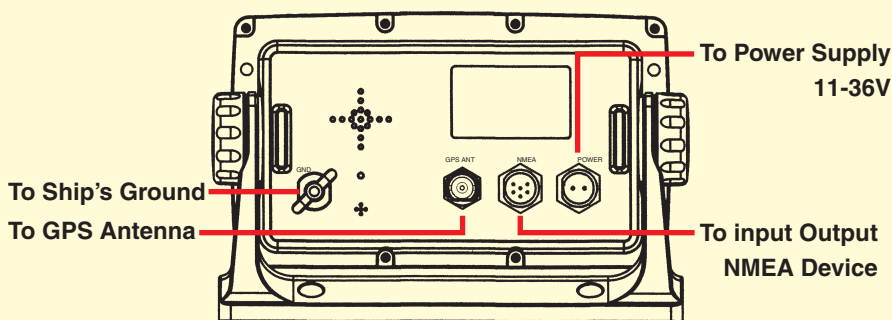
<b>Display Screen:</b>	5 inch color TFT LCD, WVGA (800x480 dots) with White LED backlighting
<b>Built-in GPS Receiver:</b>	12 tracking / 24 acquisition-channels GPS/GLONASS/WAAS/EGNOS/MSAS/GAGAN, QZSS ready
<b>Plotter Scale:</b>	0.05 – 200 n.m.
<b>Discrete Waypoints:</b>	total 10,000 points (8 character, 8 color)
<b>Route Waypoints:</b>	200 routes x 48 points for each route
<b>Marker Points:</b>	10,000 points, 24 symbols, 8 color
<b>Boundary Points:</b>	3,200 points (400 x 8 color)
<b>Track-line Storage:</b>	total 1,500,000 points, 800 track lines
<b>Audible &amp; Visual Alarms:</b>	Arrival, Anchor, Cross-Track error, GNSS fix, SBAS, HDOP, AIS, Depth, Speed
<b>Interfaces:</b>	NMEA0183 ver 2.0 for external AIS, Compass heading, Navigation Sounder SD Card for user data
<b>Data Link speed:</b>	4,800, 19,200, 38,400, 115,200 baud
<b>Power Requirements:</b>	11 to 36 VDC, approx. 5W
<b>Cabinet Dimensions &amp; Weight:</b>	205(H) x 133 (H) x 78(D) mm /approx. 600 g
<b>Environment Requirements:</b>	Operation temperature -15~+55°C / +40 °C 93 % relative humidity Storage temperature -20~+70°C

*NOTE: Specifications are subject to change without notice or obligation.*

### Dimensions (in mm)



### System Configuration



### Standard Equipment

- ① Main Unit x 1 set
- ② Mounting Bracket x 1 set
- ③ Knob With plastic gasket x 2 pcs
- ④ Power Cable x 1 pc (2 m)
- ⑤ Data Cable With 6 pins plug x 1 pc (1.2 m)
- ⑥ Wood Screw x 4 pcs
- ⑦ User's Manual x 1 pc
- ⑧ GPS antenna x 1 pc