

Enjoy your voyage!

IS09001 Certified Company



- ◆ Digital gyro repeater
- ◆ High-light LED
- ◆ Heading angle
- ◆ Bracket or panel mounting

IR361

Digital Gyro Repeater

NINGLU

NINGLU TECHNOLOGY
www.ninglutech.com

V130628

IR361 Digital Gyro Repeater

V130628

Item	Specification	Item	Specification
Measurement	L220mm W170mm H63mm	Power Supply	24V DC(10-36V)
Temperature	Working 0~50°C, Storage -20~70°C	Display Limit	0. 0~359. 9°

Data Format

Accepted messages (NMEA0183, version 2. 30) :

\$--HDT, x. x, T*hh x. X-Heading, T-Degrees True

Display

IR361 is a digital gyro repeater that displays the heading angle in the LED segment display and indicates the rate of turn (ROT) with 30 dual-color surrounding LEDs. The IR361 will display heading angle given by the HDT message from a gyro or other equipment (NMEA 0183) and indicate ROT by calculating change in heading based on the HDT input and the time between each message.

1. The high-light LED segment displays the heading angle between 0.0° and 359.9°.
2. When the heading angle increases (turn starboard), the turning indicators are green. When the heading angle decreases (turn port), the turning indicators are red.
3. The LED segment will show “----”, ROT lights go out, when IR361 has been with no signal for more than 15 seconds.
4. When the heading angle rate is 1°/s, the rotate speed of the surrounding LEDs is 6 steps/ s.

Operation

1 Power Switch

System On/Off: Push the [⏪] On/Off button to switch the repeater on and off.

2 Brightness

Dimming key: Push the [⚡] (Dimming key) button to adjust to the brightness 8 dimming levels.

Installation Dimensions

