Enjoy your voyage!

◆ **NMEA0183 signal received, suitable for single/dual-axis speed log**

◆ **High–brightness digital LEDs, adjustable brightness**

◆ **Transversal and longitudinal speed simultaneously displayed**

◆ **Both bottom relative and water relative available**

IR861

Speedlog Repeater

NINGLU

NINGLU TECHNOLOGY

www.ninglutech.com

IR861 Speedlog Repeater

V120820

Item	Specification	Item	Specification
Measurement	L144mm W144mm H65mm	**Power Supply**	24V DC(10-36V)
Temperature	Working −15～+50℃，Storage −20～70℃	**Humidity**	10-90% relative, no condensation

Data Format

Accepted messages (NMEA0183, version 2.30), talker identifier is not rocessed:

- VBW—Dual Ground/Water Speed $--VBW，x. x, x. x, A, x. x, x. x, A, x. x, A, x. x, A*hh
- VTG—Course Over Ground and Ground Speed $--VTG，x. x, T, x. x, M, x. x, N, x. x, Ka*hh
- VHW—Water speed and heading $--VHW，x. x, T, x. x, M, x. x, N, x. x, K*hh
- VLW—Distance Traveled through the Water $--VLW，x. x, N, x. x, N*hh

Display & Operation

1、 Display Information:

The first row shows the boat fore and aft speed, press the water track / bottom track button to select switch.

The second row shows the boat port and starboard speed, press the water track / bottom track button to select switch.

The third row shows the trip, press the trip / total button to select switch.

2、 Speed Information:

Speed vectors directions (Fore/Aft, Port/Starboard) are display by arrows indicators; no sign is presented in the digital value.

3、 Self-test Information:

If IR861 does not receive any signal from the external source for more than 3 seconds Error ("Err") message is indicated on the LEDs.

If input messages do not contain sentences, required for indication of selected data, "_" (underline symbol) is indicated on the corresponding LEDs.

If fields in the received message is empty (not valid data), dots are indicated on the corresponding LEDs.

If input message format is incorrect, this will result in "-." in all positions.

Installation Dimensions

Unit: mm

65

52. 5

Ceiling and Table Mounting

Flush Mounting

125

144

(A view)

100

ST4.2X25
(Screw x2)

A

ST4.2X25
(Screw x4)

Window size 125

Screws distance 96

Frame size 144

Window size 125

Screws distance132. 5

Frame size 144