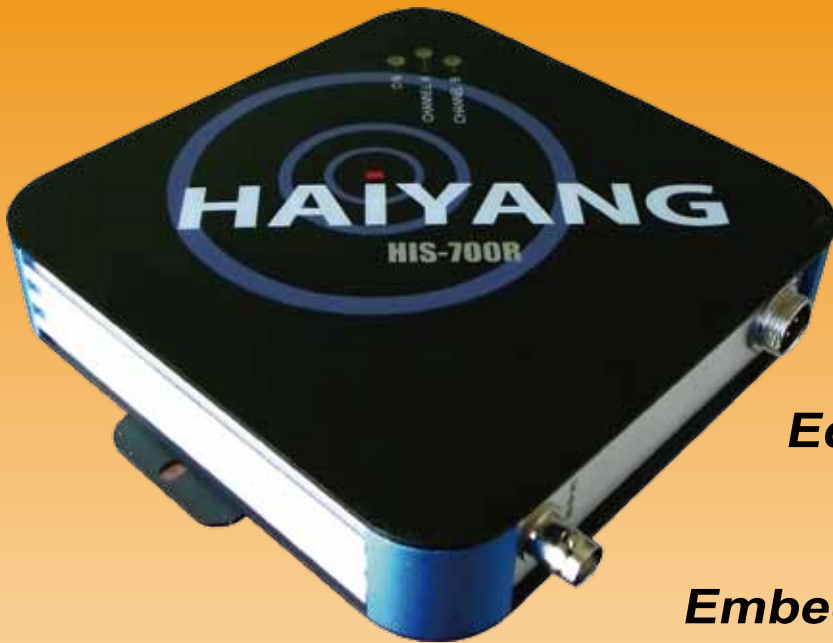


Automatic Identification System

Model: HIS-700R



***Equipped with 2-channel
AIS receiver***

Embedded with GPS receiver

► Features

- ◆ Dual channels Automatic Identification System
- ◆ Compatible with Class A and B
- ◆ Baud rate: 38,4kB (optional 4,8kB)
- ◆ Reasonable price / Simple installation
- ◆ Highest sensitivity at optimized selectivity

► Chartplotter

- ◆ Realtime receiving others Identification on Haiyang Chartplotter and PC
- ◆ Avoid a sea accident with alarm (time / distance alarm available)
- ◆ MAX 160nm is available for receive and display
- ◆ Easy-to-operate

HAIYANG

103-903 BucheonTechnopark 364 Samcheongdong Ojeonggu Bucheon Gyeonggi, Korea

TEL : +82 2 324 0381 FAX : +82 32 327 4713

Web-site : <http://www.haiyang.co.kr>

RECEIVER

1. Frequency	161.975MHz / 162.025MHz
2. Channel Spacing	25KHz
3. Sensitivity	-112dBm
4. Data Rate	9600Bps
5. Impedance	50ohms
6. Power Supply Range	9 ~ 30V DC

Output

1. Baud Rate	38,4kB(Optional 4,8kB)
2. Data Format	NMEA0183
3. Output Message	VDM

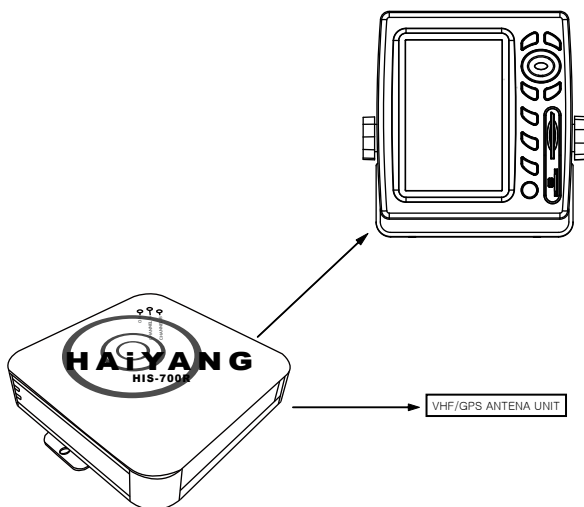
Physical

1. Dimension	150mm (L) x150mm (W) x 30mm (H)
2. Weight	500g
4. Antenna Connector	BNC Jack
6. Power Connector	6 -pole Plug

Transmission Specification

1. Static
Every 6 min or, when data has been amended, or on request
2. Dynamic
This is dependent on speed and course alteration

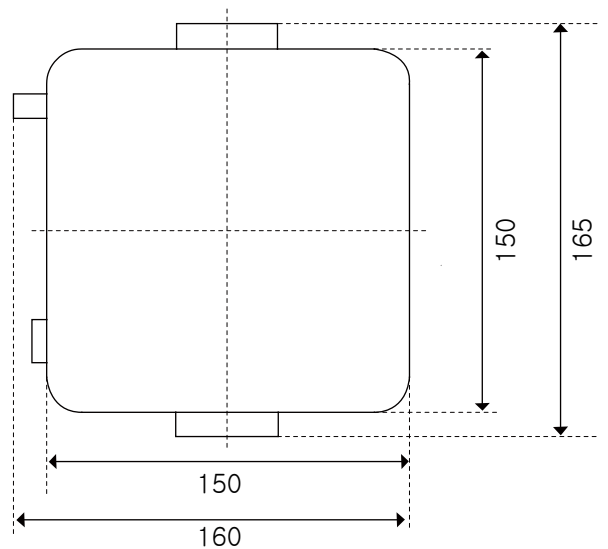
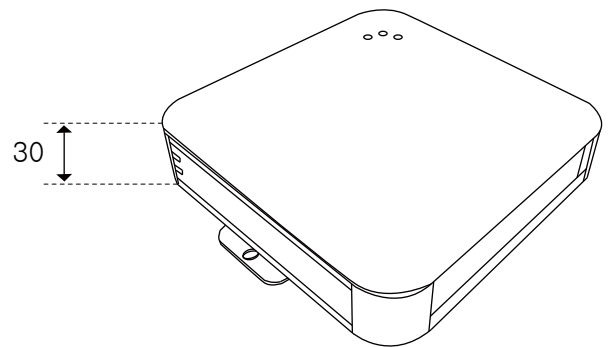
Interconnection Diagram



VHF Antenna

1. Features	Whip antenna
2. Construction	312mm, optional available
3. Frequency	162.025 MHz
4. Polarization	Omni-Directional
5. Power Gain	0 dBi
6. Band Width	10 MHz
7. VSWR	± 2.0
8. Impedance	50 ohm
9. Power Supply	Power Handling Capacity: 5 W
10. Cable & Connector	5m RG-174 with BNC connector
11. Operating Temperature	-35 °C ~+85 °C
12. Storage Temperature	-40 °C ~+95 °C

Display Unit



*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Certified to ISO 9001/2000

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