

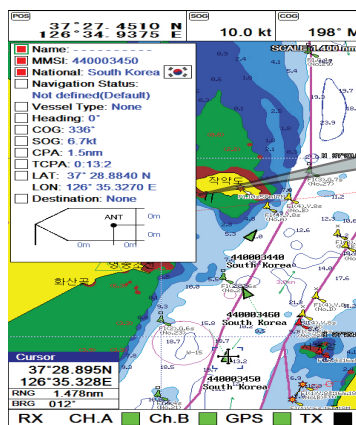
General Product Specifications

Display Specifications	
Operating system	Microsoft Windows
Display screen	Wide 7inch color TFT LCD, LED back-light
Power supply	DC 12V~36V
Operating Temperature	Display Unit -15°C~+50°C Antenna Unit -25°C~+70°C
Performance Standard	IMO Resolution MSC.112(73)
Display Method	Mercado projection
Display Mode	True motion/North up Course-up/Head up
Latitude Limits	Between 85° N to 85° S
Map Scale	0.05nm~500nm
Map Datum	WGS-84
Waypoint	100,000 point
Track Point	50,000 point
Route	Max capacity 100 Routes 20 WPTs per each Route. Each with name tags (8 alphanumeric characters)
Chart Data	Built-in/C-MAP
Output Data	NMEA-0183
Input Data	NMEA-0183
Alarm	Interval timer AIS(CPA, TCPA)

GPS Specifications	
Receive Frequency	L1 1575.42MHz(C/A)
Number of Channel	50 channel over
Accuracy	Position 2.5m CEP
Sensitivity	Acquisition -140 dBm, Tracking -149 dBm
Data Update Rate	1 Second

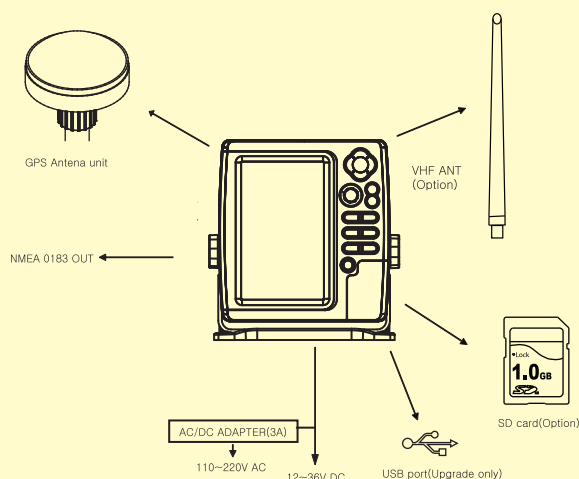
* Marked available only in HIS-70A

AIS Specifications	
Dimension	188mm x 200mm x 63.5mm
Weight	1.11Kg
Connector	VHF ANT (PI-259) GPS ANT (BNC)
Frequency*	156.025MHz ~ 162.025MHz - Default channel 88B, AIS(162.025MHz) - Default channel 87B, AIS(161.975MHz)
Channel Spacing*	25KHz
Frequency stability rate*	±10PPM(-20 °C ~ +60 °C)
Data Rate*	25kHz GMSK (AIS, TX and RX) 25kHz AFSK (DSC, RX only)
Sensitivity*	-107dBm(Message error rate : 20%)
Display stats*	On, TX, RX1,RX2
Compliant with*	IEC62287-1 Class B , ITU-RM.1371-1, IEC61162-1, EN-60945
Output power*	2W(33dBm ± 1.5dB)
Demodulation*	GMSK

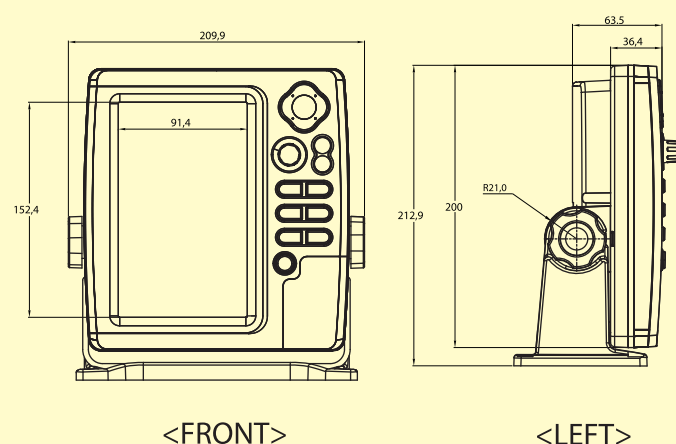


AIS INFO Window

Interconnection Diagram



Dimension



*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Certified to ISO 9001/2000

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