

Model : HS-102C / HS-102CA



HS-102C
(10.1 inch Chartplotter)



HS-102CA
(10.1 inch AIS Combo)

General Features

LED Backlight Display

Super wide color LED backlight provides the optimum viewing under direct sunlight.

Multi-language

Selection of languages, Korean, English, Italian, Spanish, Chinese, Taiwanese, Vietnamese, Arabic, Thai, Greek, Turkish, Malay, Indonesian, Aarbic, Indian(Hindi, Gujarati) Persian etc.

SD(Normal/Mini) support

SD(Normal/Mini) card memory available to store user data (WPT, mark, track, etc) or upgrade new S/W and chart.

Outdoor use

Water/Dust resistant protect against dust, rain or wave in rough condition.

Finder

The finder function supports to search for ports, local tide and current easily.

AIS Combination Feature

Chartplotter feature support

Some chartplotter features support such as GOTO, mark, track, etc.

Tracking up to 5 vessels independently

Tracking targets up to 5 vessels with the track history and monitoring AIS on target by each vessel.

Easy to see AIS information

Listing of all vessels with name, MMSI, range and bearing, with full details on each vessel and ability to show different types of vessel by colour, nationalities (up to 4 nationalities) by national flags, and different types of transmission by icon.

Various AIS information

When connecting AIS, sorting MMSI, Ship's name, nationality, CPA, etc available. Additionally, easy measuring the distance of other ships available with AIS radius. Tracks the movement of up to 5 vessels with track history and optional live details on individual vessels.

Advanced AIS performance

HIS-55A receives and process all AIS messages and efficiently receives and decodes all AIS message types.



103-903 Bucheon Technopark 22 Samjakro Ojeonggu
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GENERAL SPECIFICATION

Display screen	10.2 inch color LCD with LED backlight
Resolution	WVGA (800×480 pixels)
Power Supply	DC 12V~36V (±10%)
Operating Temperature	Display Unit -15°C~+50°C Antenna Unit -25°C~+70°C
Performance Standard	IMO Resolution MSC.112 (73)

GPS RECEIVER SPECIFICATION

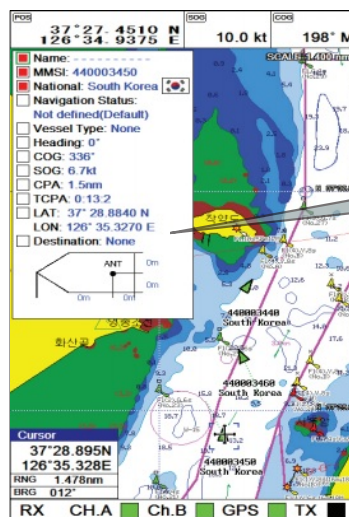
GNSS Receiver Capabilities	GPS L1 C/A code GLONASS L1OF QZSS L1 C/A code Galileo E1B/E1C/L1
Number of Channel	Over 52 channels
Horizontal Positioning Accuracy	Autonomous 2.5m (CEP 50%)
Sensitivity	Acquisition -148 dBm Tracking -165 dBm Reacquisition -162 dBm
Nav Update	1Hz, 5Hz
Support	DGPS, SBAS (EGNOS, WAAS, MASA, GAGAN, GLONASS)

AIS SPECIFICATION

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
Output power	2W or 5W (33dBm ± 1.5dB)
Demodulation	GMSK

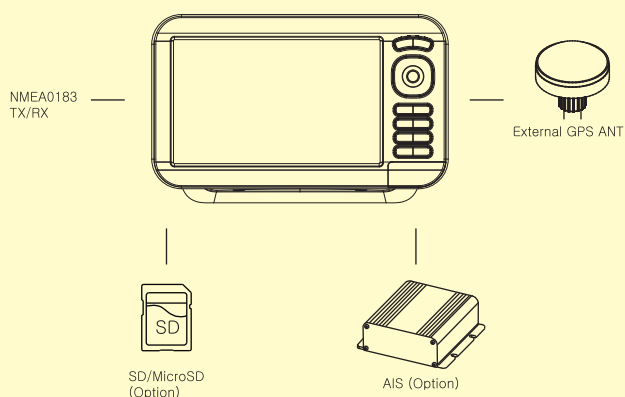
CHARTPLOTTER SPECIFICATION

Display Method	Mercado Projection
Display Mode	True motion / N/S/E/W up Course up / Head up
Latitude Limits	Between 85°N to 85°S
Map Scale	0.05nm ~ 1500nm
Map Datum	WGS-84
Waypoint	30,000 points * Total of 16 colors and 16 icons are selectable each point with name tag (8 alphanumeric characters)
Track Point	50,000 points (2 types)
Route	Max capacity 100 Routes * 20 WPTs per each Route. Each with name tags (8 alphanumeric characters)
Drow Point	1,000 points
Area Name	1,000 points
Chart Data	HY-MAP (Built-in or External)
Output Data	NMEA-0183
Input Data	NMEA-0183
Alarm	Arrival, Anchor, XTE, Interval timer, Userline

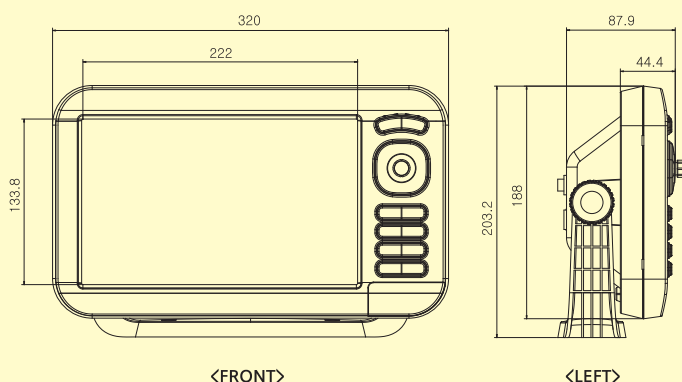


AIS INFO Window

Interconnection



Dimension



*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Certified to ISO 9001/2000

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