

XGS GPS Chartplotter/Fishfinder Controller

Models : HD-580C/580CF

Free-direction Wireless RC

Low Power Consumption

Tracking up to 5 vessels independently



Accuracy GPS Engine

New Haiyang's GPS engine, accuracy of the position. Real-time head-moving is available.

- DGPS
- SBAS(WAAS, etc.)



Various Chart Systems

Three chart systems C-MAP or NAVIONICS HY Chart(Inter/Exter) are available. The most suitable chart is chosen by the user. Lots of information such as buoys, lighthouses, wrecks and tides are provided.



SD/USB Memory support

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



Windows OS

Easy operation with Turbo keys on Windows.



Multi-language

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



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.



CCTV camera

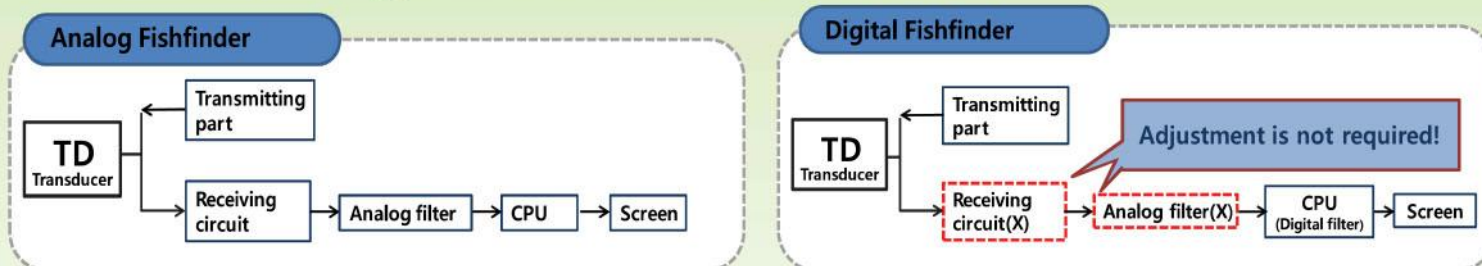
CCTV camera function is standard(Up to 2 PCS available).



Finder

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

How does digital fishfinder work?



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

GENERAL SPECIFICATION

1. Resolution 1024 X 768 pixels
2. Power Supply DC 12V~ 36V(±10%)
3. Operating Temperature
Unit -15°C ~ 50°C
Antenna -25°C ~ 70°C
4. Performance Standard
IMO Resolution MSC.112(73)

CHARTPLOTTER SPECIFICATION

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

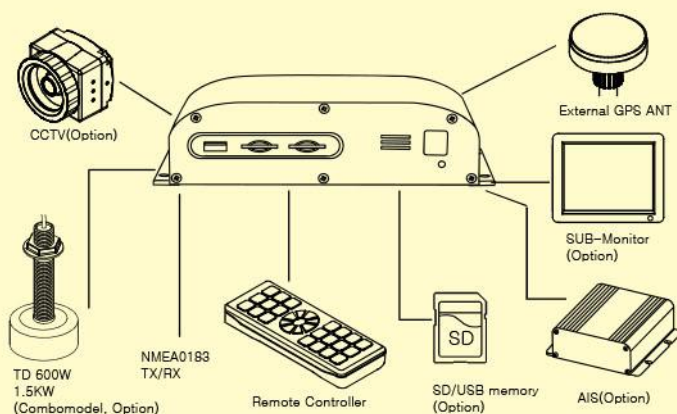
GPS RECEIVER SPECIFICATION

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

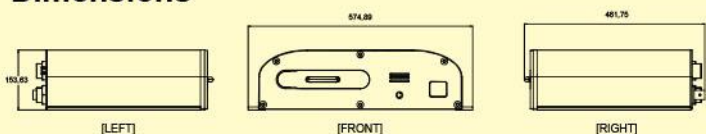
SONAR SPECIFICATION

1. Display Mode
Normal (single/dual-frequency), Bottom-lock, Bottom-zoom, A-scope
2. Frequency
Fishfinder : 50 KHz and 200 KHz
DownImaging : 455 KHz and 800 KHz
3. Output Power 600W / 1.5KW
4. Range speed
600W : 2.5m ~ 600m
1.5KW : 2.5m ~ 1,200m
5. Image speed
Fixed 8 speeds (4/1, 2/1, 1/1, 1/2, 1/4, 1/8, 1/16, 1/32) and stop
6. Rejection
Interferencs rejection : 3 levels
Noise rejection : 4 levels
7. Function
Gain(auto/manual), Range(auto/manual), Shift(auto/manual), white/black line, Support speed seneor, Water temperature

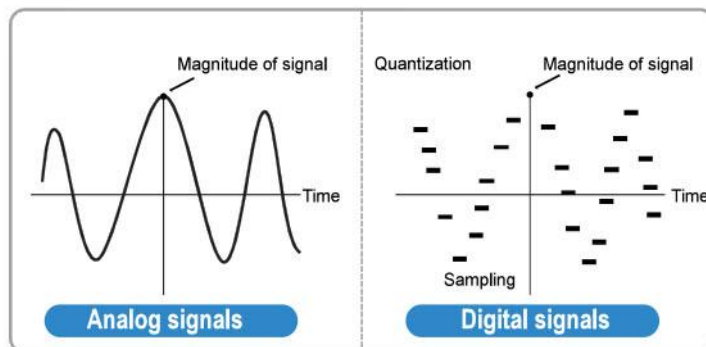
Interconnection(Chartplotter/Fishfinder)



Dimensions



Concepts of analog signal and digital signals



In analog FF, the continuous analog signals provide so that there is a limit to filter the noise. For example, in case of 200KHz, analog FF receives data between 180KHz to 220KHz but digital FF can provide the pure 200KHz data only through "Digital Filter" in CPU, which provides the pure data of only 200KHz.

Hence, the digital image is the optimum clean and analysis is brilliant.

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Certified to ISO 9001/2000

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