

GENERAL SPECIFICATION

1. Display Screen
ST-1010 : 10.4 inch color touch LED backlight
ST-1212 : 12.1 inch color touch LED backlight
2. Resolution
ST-1010 : XGA (1024 X 768pixels)
ST-1212 : XGA (1024 X 768pixels)
3. Power Supply
DC 12V~36V(±10%)
4. Operating Temperature
Display Unit -15°C~+50°C
Antenna Unit -25°C~+70°C
5. Performance Standard
IMO Resolution MSC.112(73)

GPS RECEIVER SPECIFICATION

1. GNSS Receiver Capabilities
GPS L1 C/A code
GLONASS L1OF/
QZSS L1 C/A code
E1B/E1C/L1
2. Number of Channel
Galileo 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
1Hz, 5Hz
6. Support
DGPS, SBAS(EGNOS, WAAS, MASA, GAGAN)

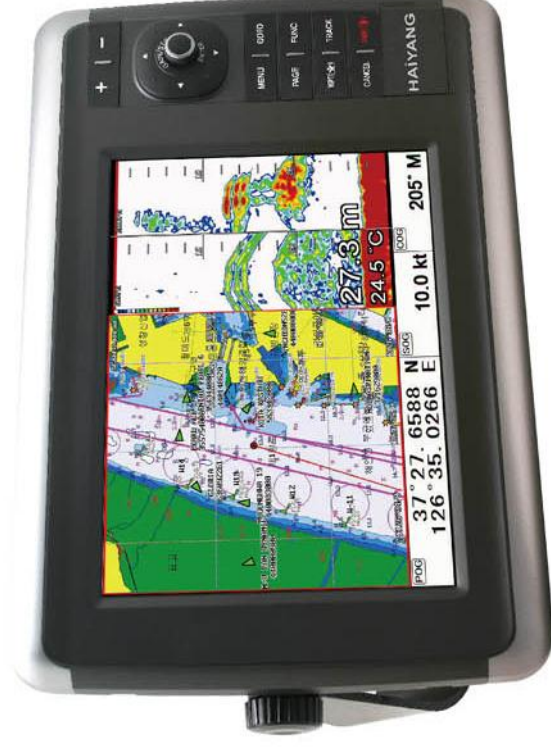
GPS CHARTPLOTTER SPECIFICATION

1. Display Method
Mercator 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. Waypoint
30,000 points
* Total of 16 colors and 16 icons are selectable each point with name tag (8 alphanumeric characters)
50,000 points (2 types)
Max capacity 100 Routes
7. Track Point
* 20 WPTs per each Route. Each with name tags (8 alphanumeric characters)
8. Route
1,000 points
1,000 points
9. Draw Point
1,000 points
10. Area Name
1,000 points
11. Chart Data
HY-MAP(Built-in or External)/ C-MAP/ Navionics
NMEA-0183
NMEA-0183
12. Output Data
13. Input Data
14. Alarm
Arrival, Anchor, XTE, Interval timer, Userline

FISHFINDER SPECIFICATION

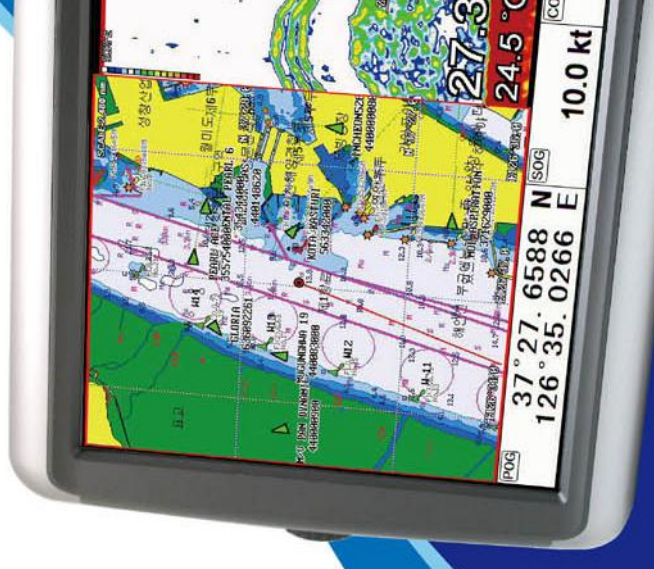
1. Display Mode
Normal (single/dual-frequency), Bottom-lock, Bottom-zoom, Partial-zoom, A-scope
2. Frequency
Fishfinder 50 KHZ and 200 KHZ
3. Output Power
600W / 1.5KW
4. Range
600W 2.5m ~ 600m
1.5KW 2.5m ~ 1,200m
5. Image speed
Fixed 8 speeds (4/1, 2/1, 1/1, 1/2, 1/4, 1/8, 1/16, 1/32) and stop
6. Rejection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

Smart in Your Hand Stella at your

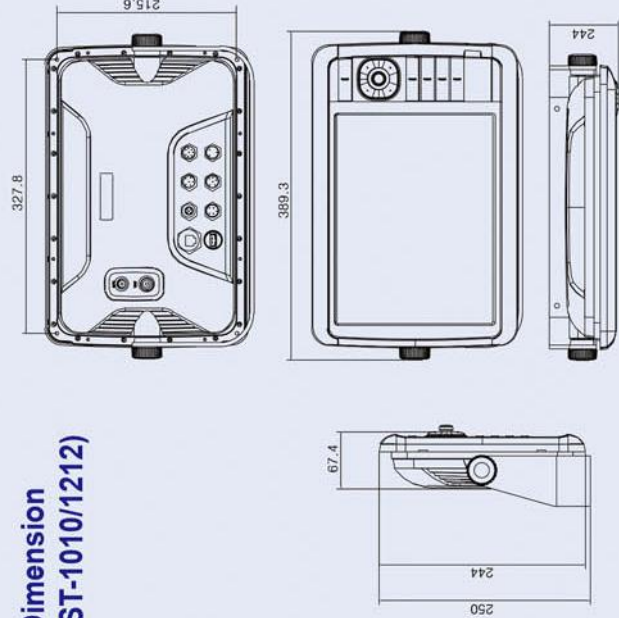


ST-1010

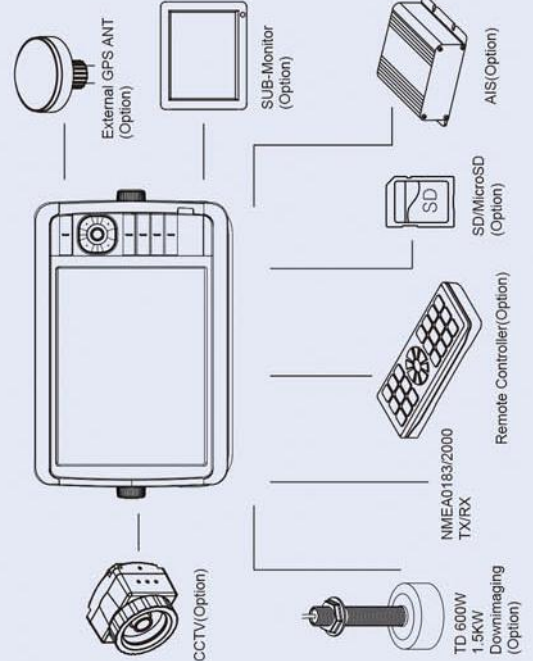
10.4 inch Chartplotter



Dimension (ST-1010/1212)

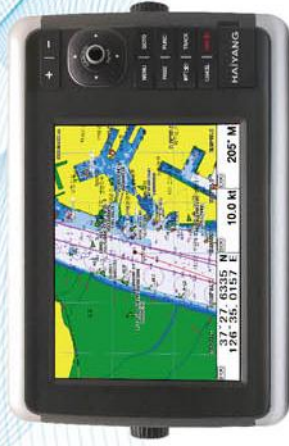


Interconnection(Chartplotter/Fishfinder)

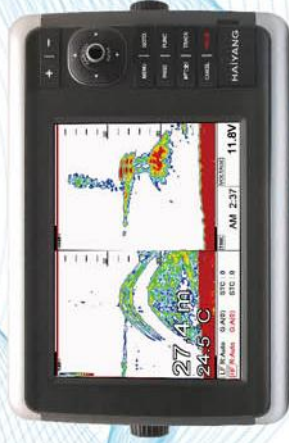




ST-1010CF
(Chartplotter/Fishfinder)



ST-1010C
(Standalone Chartplotter)



ST-1010F
(Standalone Fishfinder)



ST-1212CF
(Chartplotter/Fishfinder)



ST-1212C
(Standalone Chartplotter)



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CHARTPLOTTER SPECIFICATION



Multi-touch screen

Moving map, zoom-in/out, erasing the part of track, customizing the page, editing the menu, mark inputting/moving/erasing, editing the data bar, etc are available with touch-screen.



Data storing

SD card, internal memory, USB, Android smart phone can store user data(Mark/Track/Route).



Minute map scale

Very minute map scale supports extreme zoom-in/out, which helps accurate inputting marks and safety of navigation.



HDMI supporting

HDMI supports any kind of sub monitor



AIS

When connecting AIS, providing various information for safety and navigation. When setting alarm against other vessels, safer navigation is provided.



Dual chartplotter screen

Dual chartplotter screen supports independent map orientation and zoom-in/out and sharing user data(WPT, Track, Route).



Internet

When connecting WiFi or Hotspot through Android smart phone, internet/web browser are available for searching the real time weather, current, tide, etc. Also, auto update such as the latest S/W is available.



Merit of multi-touch

Multi-touch provides more convenient and quicker operation with using your figure directly on the screen than using keypad in the past. Your finger shows magic on the screen when zoom-in/out, moving map, inputting marks and erasing tracks. Even wet finger can do it.

Zoom-in/out



Easy erasing the part of the track

Moving map



Easy inputting marks, moving and erasing

MULTI-TOUCH

INTERNET



Merit of Internet

When connecting WiFi system is available and browser as at your home



WiFi