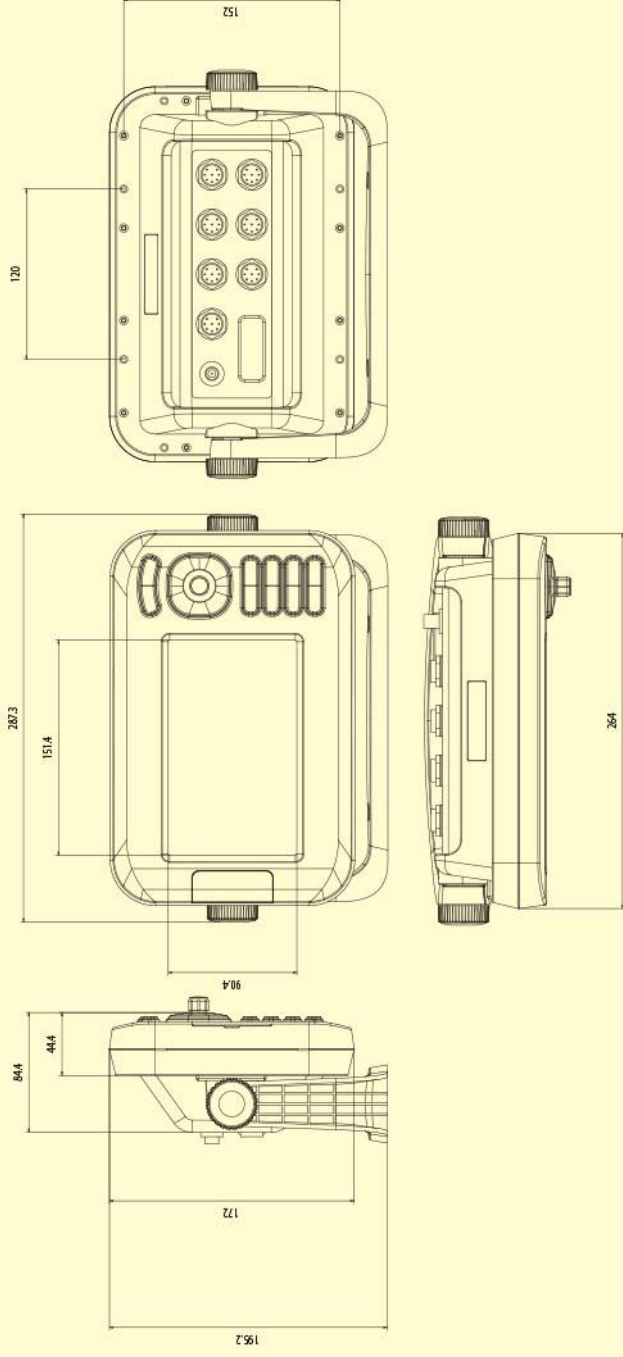
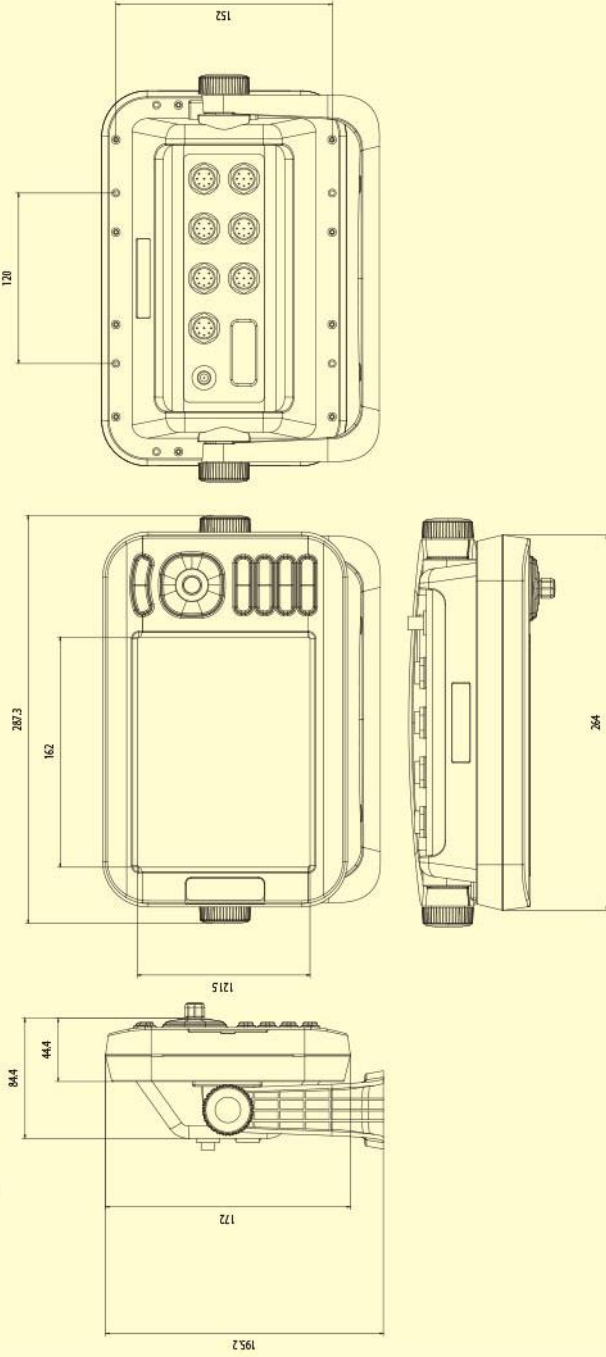


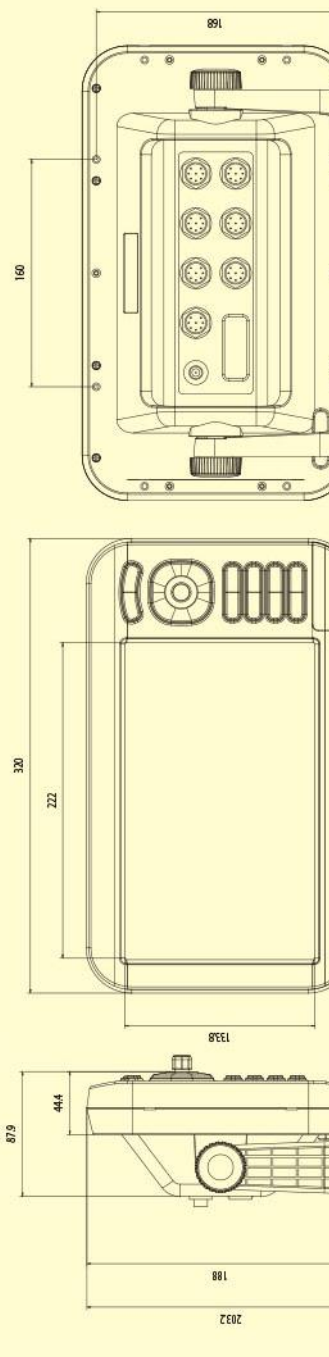
Dimension(Smart 7)



Dimension(Smart 8)



Dimension(Smart 10)



GENERAL SPECIFICATION

1. Display Screen
Smart 7 : 7 inch color LCD with LED backlight
Smart 8 : 8 inch color LCD with LED backlight
Smart 10 : 10.1 inch color LCD with LED backlight
2. Resolution
Smart 7 : WVGA (800 X 480 pixels)
Smart 8 : SVGA (800 X 600 pixels)
Smart 10 : WVGA (800 X 480 pixels)
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
GLONASS
QZSS
Galileo
2. Number of Channel
52 channels
3. Horizontal Positioning Accuracy
Autonomous ±2m
4. Sensitivity
Acquisition -140dBm
Tracking -155dBm
Reacquisition -140dBm
5. Nav Update
1Hz, 5Hz
6. Support
DGPS
SBAS(EGNOS, WAAS)

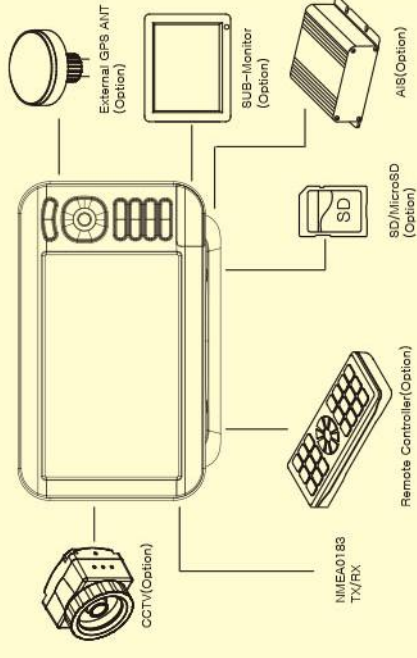
CHARTPLOTTER SPECIFICATION

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. Waypoint 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(2 types)
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

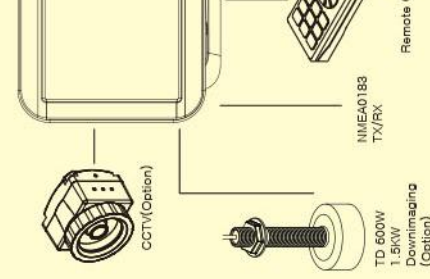
SONAR SPECIFICATION

1. Display Mode
Normal (single/dual beam)
Bottom-zoom, Parallel scan
2. Frequency
Fishfinder : 50 KHz
DownImaging : Over 70 KHz
3. Output Power
600W/ 1.5KW
4. Range
600W : 2.5m ~ 600m
1.5KW : 2.5m ~ 1.2km
5. Image speed
Fixed 8 speeds (4/8/16/32/64/128/256/512)
6. Rejection
Interferences rejection
Noise rejection: 4 levels
7. Function
Gain(auto/manual)
Shift(auto/manual)
Support speed sensor

Interconnection(chartplotter)



Interconnection





*Optimum Veiwng
LED Backlight*

Low Power Consumption

Real Time Recording

*Tracking up to
5 vessels independently*

HD-770CF

(Combo)



HD-770C

(Standalone Chartplotter)



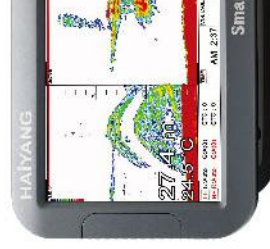
HD-770F

(Standalone Fishfinder)



HD-880C

(Standalone Chartplotter)



HD-880CF

(Standalone Fishfinder)

CHARTPLOTTER SPECIFICATION

LED Backlight Display

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

Internal GPS ANT standard

New Haiyang's internal GPS ANT, 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(Normal/Mini) support

Windows OS

Easy operation with Turbo keys on Windows.

Multi-language

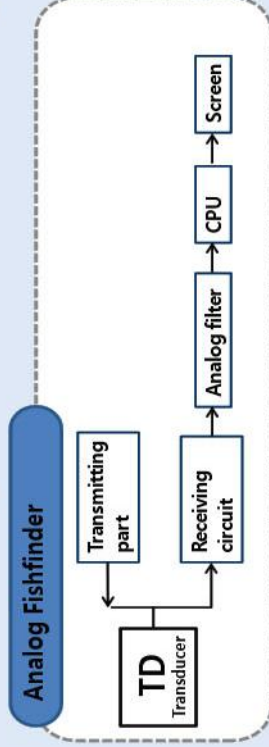
Selection of languages, Korean, English, Italian, Spanish, Chinese, Taiwanese, Vietnamese, Arabic, Thai, Greek, Turkish, Malay, Indonesian, Aarabic, Indian(Hindi, Gujarati) Persian etc.

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.

FISHFINDER SPECIFICATION

What is "Digital fishfinder technology"?



Scrolling The Passed Image

Passed Position

Current Position