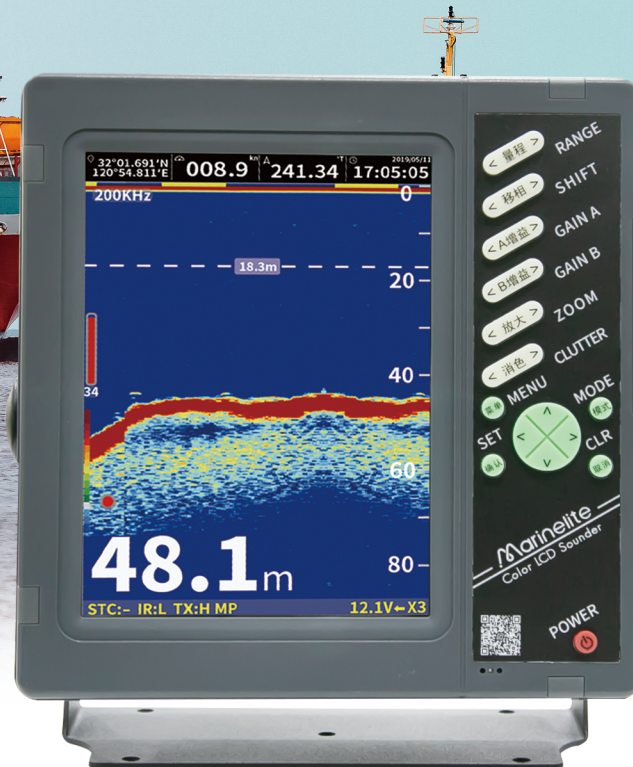


Marinelite

Navigational Echo Sounder

MODEL ES9000-P1022S



Meets IMO standards MSC.74(69) Annex 4

- High contrast and brightness adjusting effect, suitable for use in bright light and at night;
- High progress DSP digital signal processing technology, realizing the low blind spot and the high resolution echo;
- Multiple modes of background with human design;
- 0.3m ultra low water level detection;
- NMEA0183 depth data and print out;
- Support multi-language

Navigational Echo Sounder ES9000-P1022S

Specifications

GENERAL

Display	10"
Resolution	800*600px
TX Frequency	200KHz/200KHz&200KHz/50&200KHz
Output Power	600W-2000W
TX Rate	0.12 ~ 3.0ms
Sensitivity	-95dBm
Accuracy	0.1m
Alarm	Depth, Voltage
Language	Simplified Chinese, English, Traditional
DISPLAY UNIT	
Display Unit	Dual frequency, Single frequency , A-scope, Zoom

Expansion Mode	Auto Expansion, Manual Zoom, Bottom Lock
background color	Echo color: 2 color schemes, each scheme has 5 color schemes Background color: black, blue

INTERFACE

Input data	IEC61162-1(NMEA0183)RMC
Output data	IEC61162-1(NMEA0183)DPT,DBT,GLL
Serial port to print	Suitable for printer DPU-414
POWER SUPPLY	24VDC (11 ~ 32 V DC)

ENVIRONMENTAL CONDITION

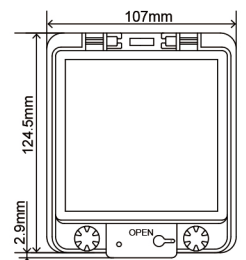
Ambient Temperature	10°C~+40°C
Relative Humidity	10% to 90%

(Option)Depth Instrument Display DI9000

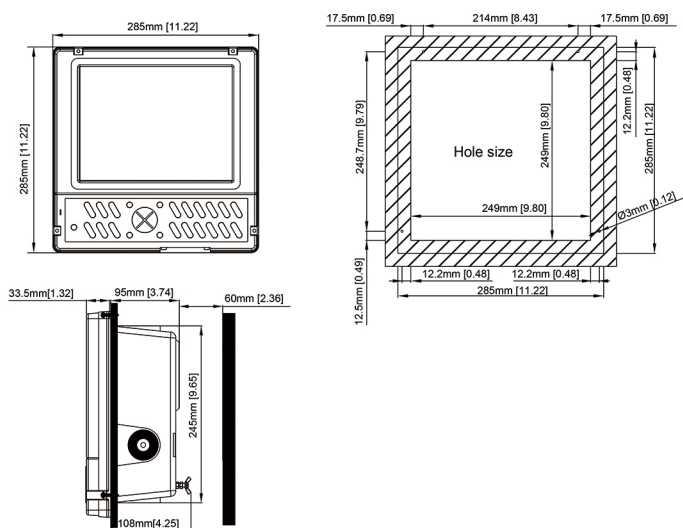
Power Supply	DC 24V (10 ~ 35V)
Size(L×W×H)	107*127.4*46mm
Weight	300g±2%
Input format	NMEA2000: PGN128267 NMEA0183: DPT
Working temperature	-15 ~ +55°C
Installation mode	Embedded Installation
Protection level	IP67
Interface	NMEA2000 RS-422
Interface definition	1 VCC 2 GND 3 CAN_H 4 CAN_L 5 RX-(RS422) 6 RX+(RS422) 7 TX-(RS422) 8 TX+(RS422)



Dimension

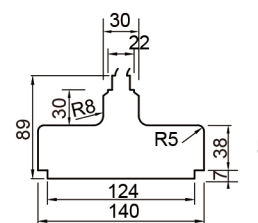


Dimension Display unit



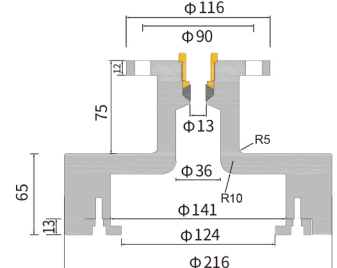
Transducer

A-TD352R-200



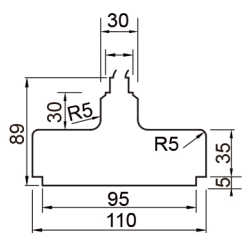
Tank(option)

for A-TD352R-200



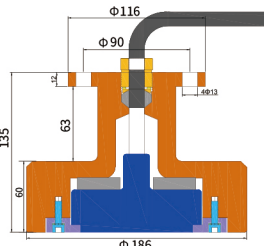
Transducer

A-TD353R-200



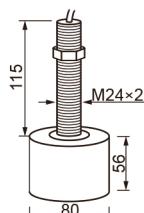
Tank(option)

for A-TD353R-200



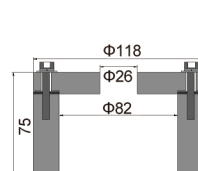
Transducer

A-TD254B



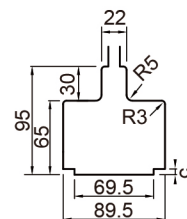
Tank(option)

for A-TD254B



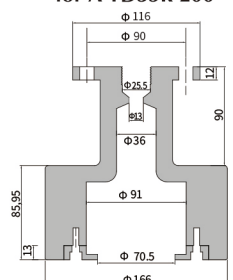
Transducers

A-TD35R-200



Tank(option)

for A-TD35R-200



Marinelite® NANTONG SAIYANG ELECTRONICS CO.,LTD.



TEL: (+86)0513-89129287/89129288

EMAIL: Saiyang@ova.com.cn

https://www.saiyangmarine.com

South Floor 4/5, Building 3, Building 3, Maipu Technology Park, Xinsheng Road, Chongchuan District, Nantong City, Jiangsu Province