

# Digital Echo Sounder

**Model: DF-6908S**

**Approved by the China Classification Society(CCS)**



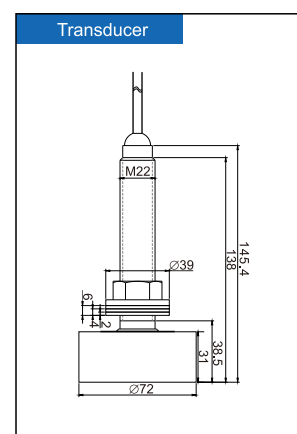
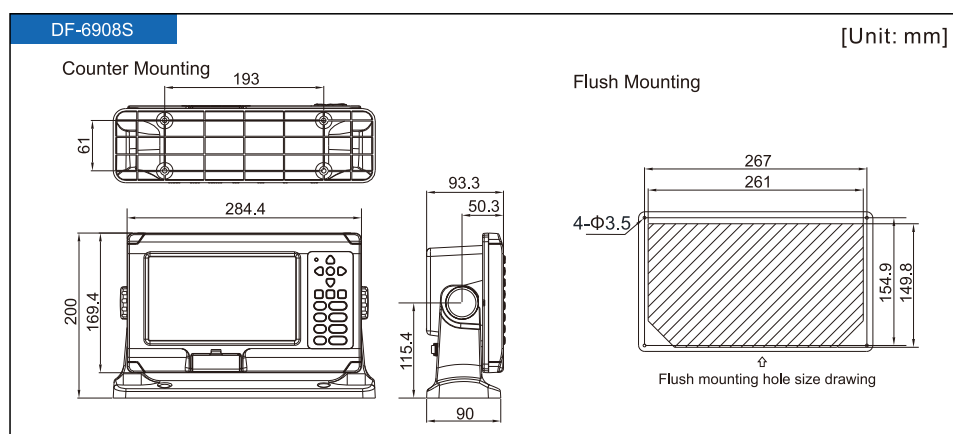
## Features

- ▶ 8 inch color LCD, 1024x600 high resolution.
- ▶ Suitable for international, domestic seagoing ships and inland navigation ships.
- ▶ Multiple protection functions, such as over-voltage, over-current, reverse connection, etc. It also prevents internal circuit damage caused by short circuit of probe cable.
- ▶ Mass storage, it can store and replay the water depth data.
- ▶ With custom function button, users can specify the button function according to their usage habit.
- ▶ Advanced DSP data processing technology.
- ▶ The parameters of echo data can be adjusted during replay, include range, gain, STC, clutter and background color.
- ▶ Built-in WIFI module, support to update software online.
- ▶ Support to connect DPU-414 printer.
- ▶ Support NMEA0183 water depth data output and external GNSS data input.
- ▶ Support water depth data input and output.

# Specifications



Display Unit	DF-6908S
Size	8 inch
Resolution	1024X600
Voltage Range	DC 10V~36V
Brightness	500cd/m <sup>2</sup>
Voltage Detection	Voltage detection function
Power Protection	Over voltage protection, over current protection and reverse connection protection
NMEA 0183	One input, one output and one alarm interface
Upgrade Mode	USB, SD
Echo Sounder	
Transmission Power	600W
Transmission Frequency	200KHz
Transmission Firing Times	60 times/second at maximum
Transmission Pulse Width	50us~3ms
Basic Range	0~500m, 0~500fm, 0~2000ft
Depth Unit	m, fm, ft
Alarm Function	Depth Alarm, Voltage alarm, Sound and light alarm
Language	Chinese, English
Image Speed	stop, *1/8, *1/4, *1/2, *1, *2, *4
Presentation Colors	16colors, 8colors, 256colors, Monochrome
Background	White, Blue, Black
Time Scale	10s, Uninterrupted cycle
Graduated Scale	Scale line, Cursor line
Presentation Modes	Single frequency, Dual frequency(left&right), Dual frequency(up&down), A mode, analog mode
Input Data	IEC61162-1(NMEA0183) GGA, GSV, GSA, RMC, VTG, ZDA, GLL
Output Data	IEC61162-1(NMEA0183) DPT
Print Function	Support DPU-414 print
Storage Function	With the function of storage and playback, it can store at least 20 hours of water depth data
Import/Export	Support the data of depth input and output
Enviromental	
Working Temperature	-15°C~+55°C
Storage Temperature	-30°C~+70°C
Display unit Waterproof	IP65
Transducer Waterproof	IP66
Standards	IMO MSC.74(69), IMO A.694(17), MSC.191(79), IMO MSC/CIRC.982, IMO A.1021(26) , ISO 9875,2001, IEC 60945,2002/COR1,2008, IEC 61162-1-2016, IEC62288,2014



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