

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.

| Display Unit | DF-6908S |
|---------------------------|--|
| Size | 8 inch |
| Resolution | 1024X600 |
| Voltage Range | DC 10V~36V |
| Brightness | 500cd/m ² |
| 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 |
| Environmental | |
| 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/GIRC.982, IMO A.1021(26), ISO 9875,2001, IEC 60945,2002/COR1,2008, IEC 61162-1-2016, IEC62288,2014 |

