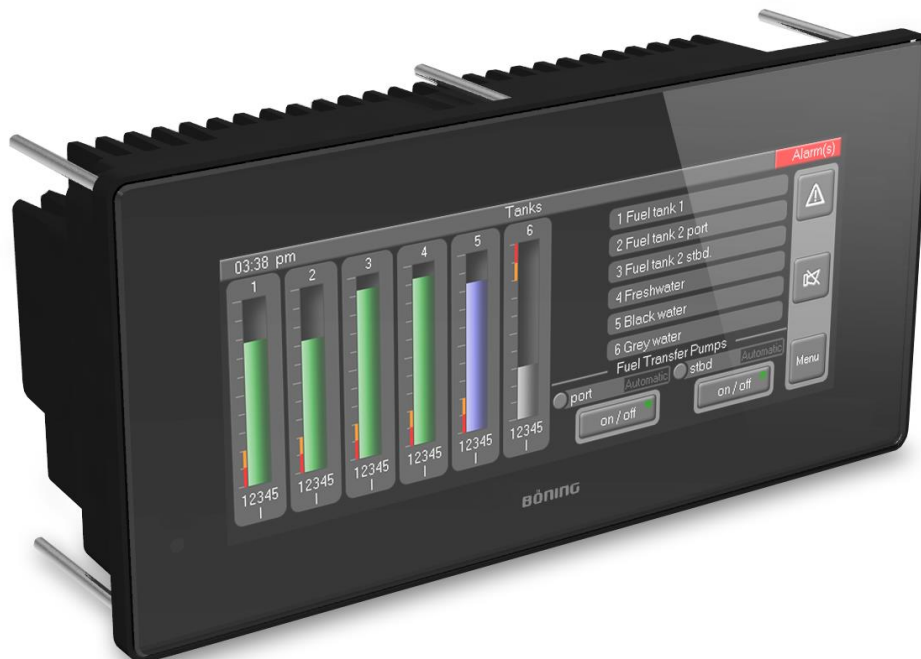


AHD 880 G

8,8" Touchscreen Display with Glass Front



- ***Touchscreen operation***
- ***High-luminance, transfective display (250 cd/m²)***
- ***Display brightness adapted automatically***
- ***CCTV interface for video display***

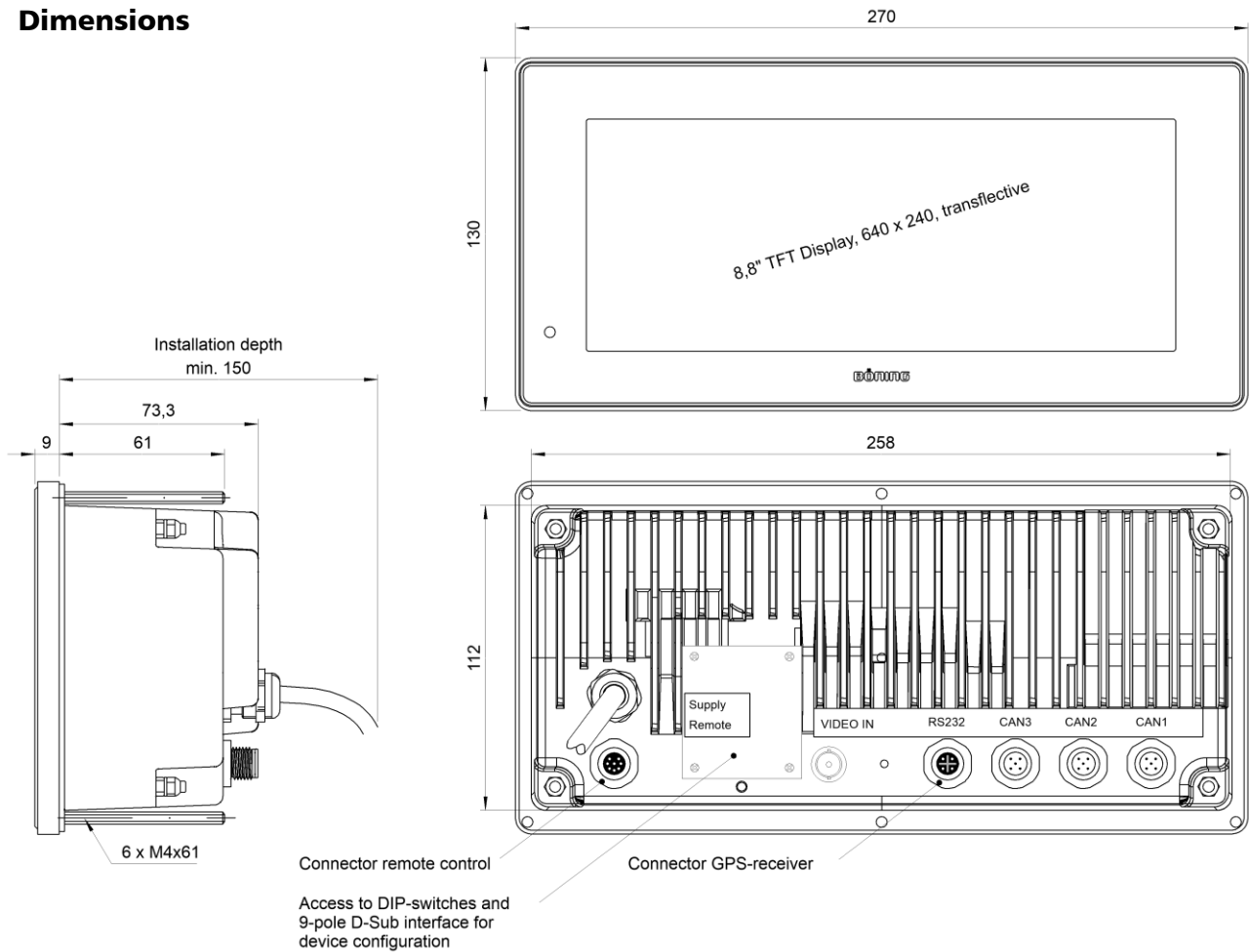
AHD 880 G has been designed for use in bridge or flybridge consoles. The modern and elegant glass front contributes to increased operating reliability on board. Browsing screen pages and operating connected systems is carried on touch screen. Every system such as trim tabs or navigation lights is represented on its own screen page. When the camera control system AHD-VCS is installed, the display can also be used as a monitor with integrated operating functionality.

AHD 880 G –like all Böning displays – features a transfective screen for optimal readability in direct sunlight. The housing front has a protection class of IP 56, making it suitable for outdoor use.

The display's software is individually adapted to the project's requirements. For instance, ship illustrations and deck layouts can be integrated.

All data of connected data stations are transmitted via CAN bus and visualized clearly organized. When a measured value exceeds a predefined limit, alarm information is depicted in tabular form. Additionally, an integrated buzzer emits a clearly audible warning signal.

Dimensions



Technical Data

| | |
|-------------------------------|--|
| Dimension W x H x D: | 270 mm x 130 mm x 82.3 mm |
| Desk cut-out W x H: | 260 mm x 114 mm |
| Required installation depth: | Min. 150 mm |
| Weight: | Appr. 2.2 kg |
| Operating temperature: | -25°C ... +70°C |
| Storage temperature: | -50°C ... +85°C |
| Degree of protection: | IP 56 (front side) IP 22 (rear side) |
| Required distance to compass: | Steering magn. compass: 0.70 m Standard magn. compass: 0.40 m |
| Power supply: | 12 VDC / 24 V DC (+30% / -25%) |
| Current consumption: | Max. 700 mA (24 V DC) |
| Display: | 8.8" LCD colour display |
| Visible display area: | 209.28 mm x 78.48 mm |
| Display resolution: | 640 (H) x 240 (V) pixels |

| | |
|--------------------------|--|
| Colour depth: | 15 bit |
| Luminous intensity: | 250 cd/m ² , transfective |
| Viewing angle: | Horizontal: min 40°/typ. 50° Vertical: min 35°/typ. 45° |
| Interfaces: | 3 x CAN bus 1 x RS232 1 x Video In (Composite video, PAL 50 Hz) |
| Inputs: | 1 x binary (Optocoupler) |
| Outputs: | 2 x Relay contact 40 VDC/1 A |
| Installation: | Panel/console desk installation |
| Approvals: | DNV, CRS, LR, RS |
| Classification societies | |