

## **AHD 880 TC**

### **8.8" Touchscreen Display**



- **Touch screen operation**
- **High-luminance, transfective display (250 cd/m<sup>2</sup>)**
- **Display brightness adapted automatically**
- **CCTV Interface for video display**

AHD 880 TC has been designed for use in yacht bridge or flybridge consoles. It features a widescreen TFT display and is suitable for indoor and outdoor use. Due to the unique design and compact dimensions, it is suitable even for smaller consoles. With the same height as the 6.5" display AHD 650 and slightly increased width, it can depict much more information. Aside from depicting ship data, the display will also function as a touch screen operation panel for multiple systems, such as trim tabs, navigation lights and video cameras.

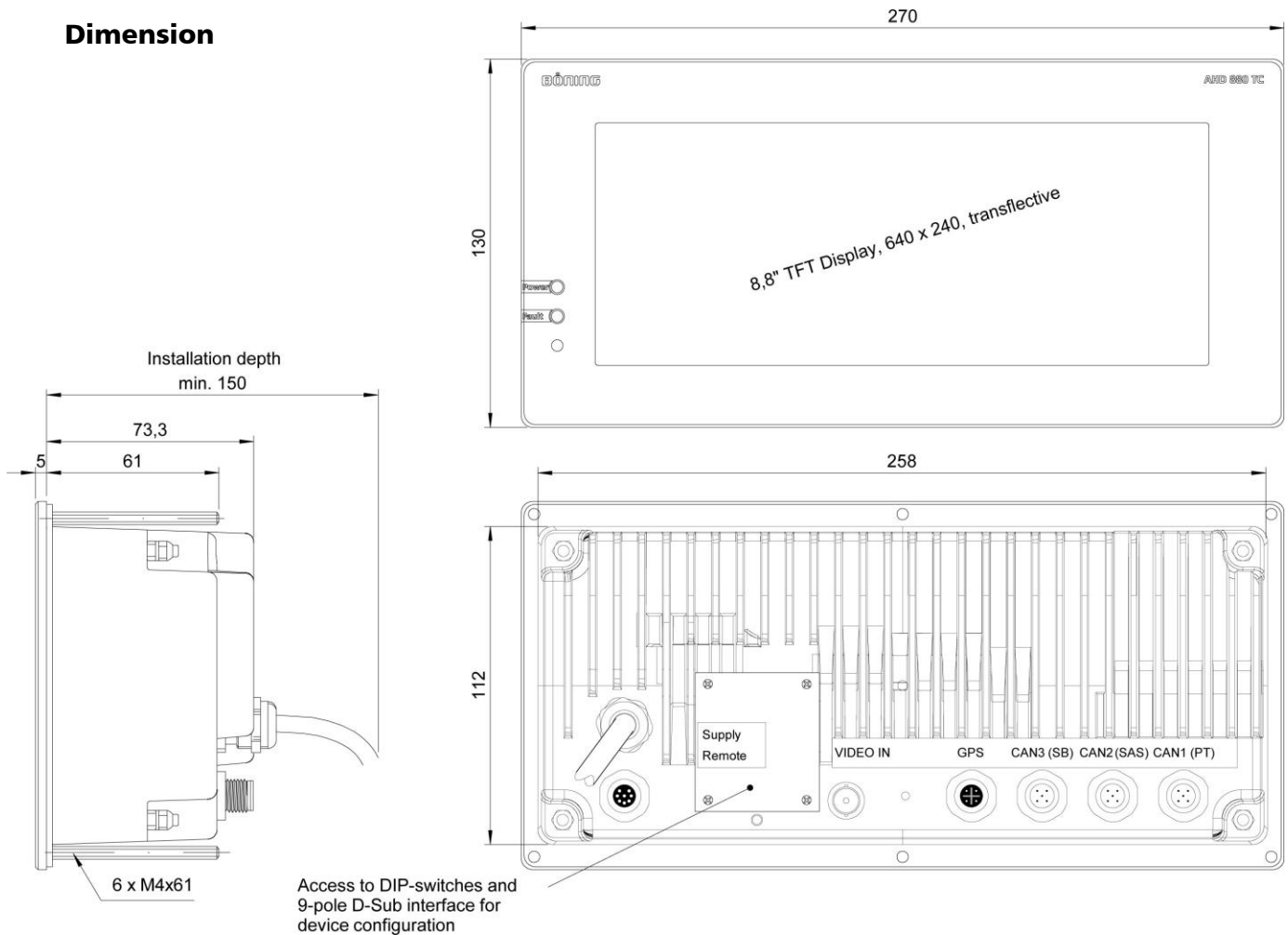
Browsing screen pages and operating appended systems is carried out by means of a touch screen. Each system such as trim tabs or navigation lights is represented on their own screen page. Where the camera control system AHD-VDCU is installed, the display can additionally be used as a camera monitor with integrated operating functionality.

AHD 880 TC features a transfective screen for optimal readability in direct sunlight. The housing achieves a protection class of IP 56, making it suitable for outdoor use.

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

All data of appended data stations is transmitted via CAN-bus and visualized in clear arrangements. When any measured value exceeds a predefined limit, alarm information is depicted in tabular form. Additionally, an integrated buzzer provides a clearly audible warning signal.

## Dimension



## Technical Data

Dimension W x H x D: 270 mm x 130 mm x 78,3 mm

Desk cut-out W x H: 260 mm x 114 mm

Req. installation depth: min. 150 mm

Weight: appr. 2,0 kg

Operating temperature: -20°C ... +70°C

Storage temperature: -30°C ... +85°C

Degree of protection: IP 56 (front side)  
IP 22 (rear side)

Req. distance to compass: Steering magn. compass: 70 cm  
Standard magn. compass: 40 cm

Power supply: 12/24 V DC (+30% / -25%)

Power 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<sup>2</sup>, 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 (Opto coupler)

Outputs: 2 x Relay contact 40 VDC/1 A

Installation: Panel/console desk installation

Approvals: Germanischer Lloyd

Classification societies: Lloyd's Register of Shipping