

## **AHD 1110 F**

### **Displays with Touchscreen and Foil Front**



- **Displays with touchscreen and bonded foil front**
- **All in one solution for quick installation – saves space and costs**
- **Can also be integrated into existing systems**
- **Completely redeveloped**

Bönning Automationstechnologie's new generation of displays expands its product range in the display category with innovative devices.

Combining increased performance and functionality in a valuable modern design, they increase operational safety and ease of operation on ship bridges. Their luminosity of up to 1000 cd/m<sup>2</sup> ensures good readability at all times, even in bright sunlight. Automatic dimming further ensures that the displays operate glare-free especially when cruising at night.

Automotive components allow the displays to be used in greater temperature ranges than previous displays.

The newest-generation capacitive touchscreen allows comfortable operation without visible threads.

Basic functions such as selecting the video source and brightness control can be quickly accessed with the built-in buttons.

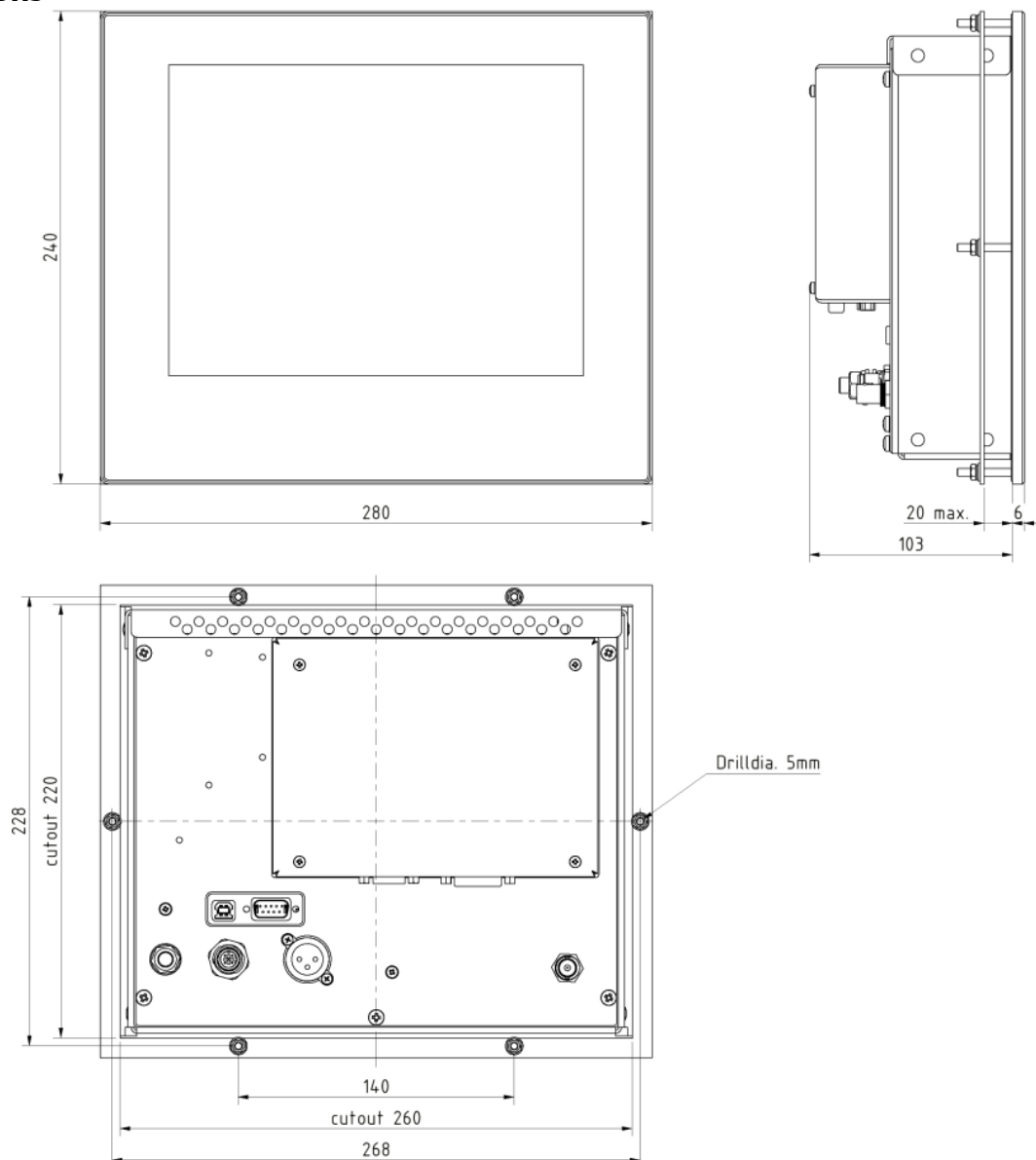
When connected to the CAN bus of the Bönning system (AHD 1200 / AHD 1300) alarms are signaled and can be acknowledged.

They can be conveniently operated with the remote controls (AHD-DRM T and AHD-DRM R) or from an external PC – for example from the command chair on the bridge.

The latest display technology provides even more brilliant colors and a markedly increased viewing angle.

Their 24 V DC power supply makes these devices especially suitable for use on ships.

## Dimensions



## Technical Data

Power supply	24 V DC (+30% / -25%)
Power consumption	Ca. 25 W (24 V DC)
Ambient temperature	-30°C...+55°C (-30°C...+70°C at interior console temperature of max. +45°C)
Storage temperature	-50°C...+85°C
Weight	Ca. 3 kg
Protection class	IP 56 (frontside), IP 20 (rearside)
Dimensions	280 x 240 x 109
W x H x D (mm)	Installation depth min. 140 mm
Panel cutout (mm)	260 x 220
Approvals	DNV, CRS, LR, RS

Interfaces	1 x CAN (Böning Remote Control Bus)
	1 x RS 232 (for service purposes)
	1 x USB (for Touch Output, cannot be used with CAN)
	1 x Video IN (50 Hz, BNC)
	2 x DVI IN
	1 x VGA
Resolution	1024 x 768 pixels (H x V)
Luminosity	1000 cd/m <sup>2</sup>
Contrast	600:1
Viewing angle	Horizontal -85° / +85° vertical -85° / +85°
Required distance to compass	Steering magnetic compass: 0.50 m Standard magnetic compass: 0.95 m
Item number	16346