

AHD 1110 G

Displays with Touchscreen and Glass Front



- ***Displays with touchscreen and bonded glass 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/m² ensures good readability at all times, even during bright sunlight. Automatic dimming further ensures that the displays operate without glare 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.

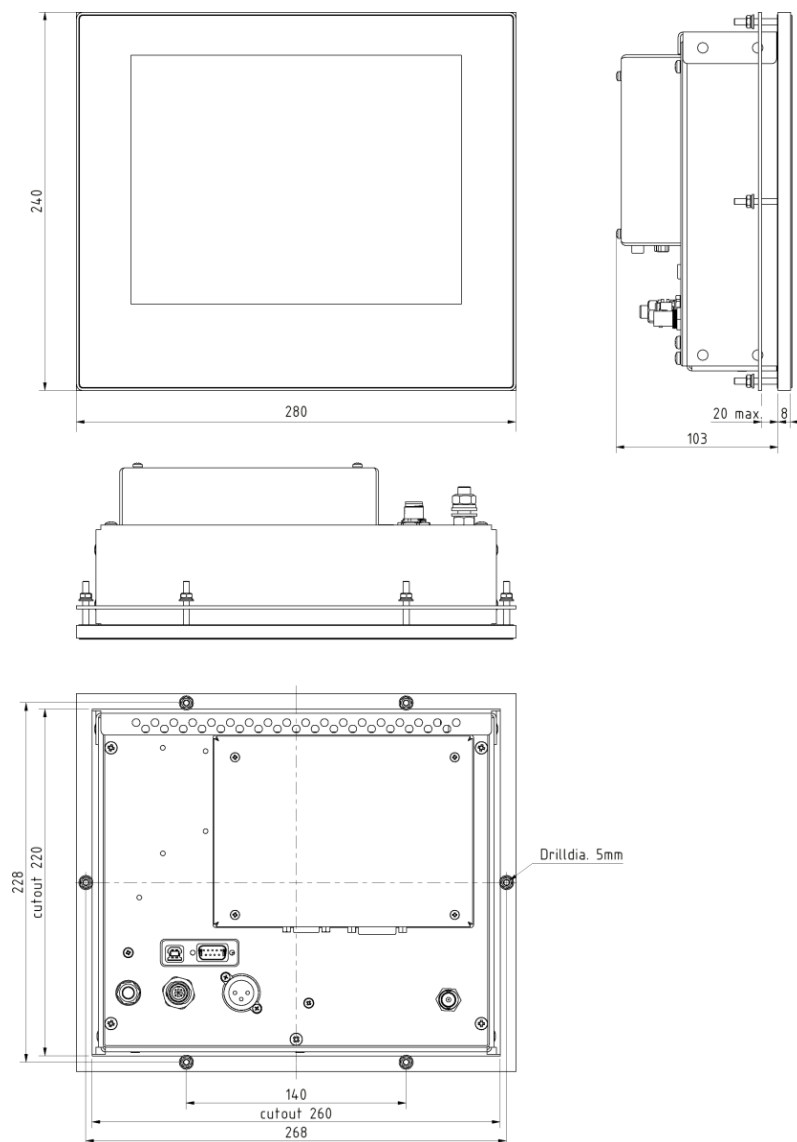
They can be conveniently operated with the remote controls (AHD-DRM T and AHD-DRM R) or from an external PC – for example from the command chair on the bridge.

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.

The device is also available as the variant AHD 1110 M with a matt glass front (Gloss 100).

Dimensions



Technical Data

| | | | |
|---------------------|---|------------------------------|--|
| Power supply | 24 V DC (+30% / -25%) | Interfaces | 1 x CAN (Böning Remote Control Bus) |
| Power consumption | Ca. 25 W (24 V DC) | | 1 x RS 232 (for service purposes) |
| Ambient temperature | -30°C...+55°C (-30°C...+70°C at interior console temperature of max. +45°C) | | 1 x USB (for Touch Output, cannot be used with CAN) |
| Storage temperature | -50°C...+85°C | | 1 x Video IN (50 Hz, BNC) |
| Weight | Ca. 3 kg | | 2 x DVI IN |
| Protection class | IP 56 (frontside), IP 20 (rear side) | | 1 x VGA |
| Dimensions | 280 x 240 x 111 | Resolution | 1024 x 768 pixels (H x V) |
| W x H x D (mm) | Installation depth min. 140 mm | Luminosity | 1000 cd/m² |
| Panel cutout (mm) | 260 x 220 | Contrast | 600:1 |
| Approvals | DNV, CRS, LR, RS | 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 | AHD 1110 G: 16347 AHD 1110 M: 17316 |