

Displays with Touchscreen and Glass Front



- ***Displays with touchscreen and foil front***
- ***All in one solution for quick installation – saves space and costs***
- ***Significantly improved readability due to increased luminosity and contrast***

The new displays AHD 1115 G are part of the latest model series of 15-inch displays and panel PCs with improved readability due to increased luminosity and contrast.

Combining increased performance and functionality in a modern design, they increase operational safety and ease of operation on ship bridges. Their luminosity of up to 1600 cd/m² ensures good readability at all times, even during bright sunlight. Automatic dimming 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 capacitive touchscreen allows comfortable operation; the latest display technology provides even more brilliant colors.

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 Böning system with an AHD 1200 or AHD 1300 alarms are signaled and can be acknowledged with the display's buttons.

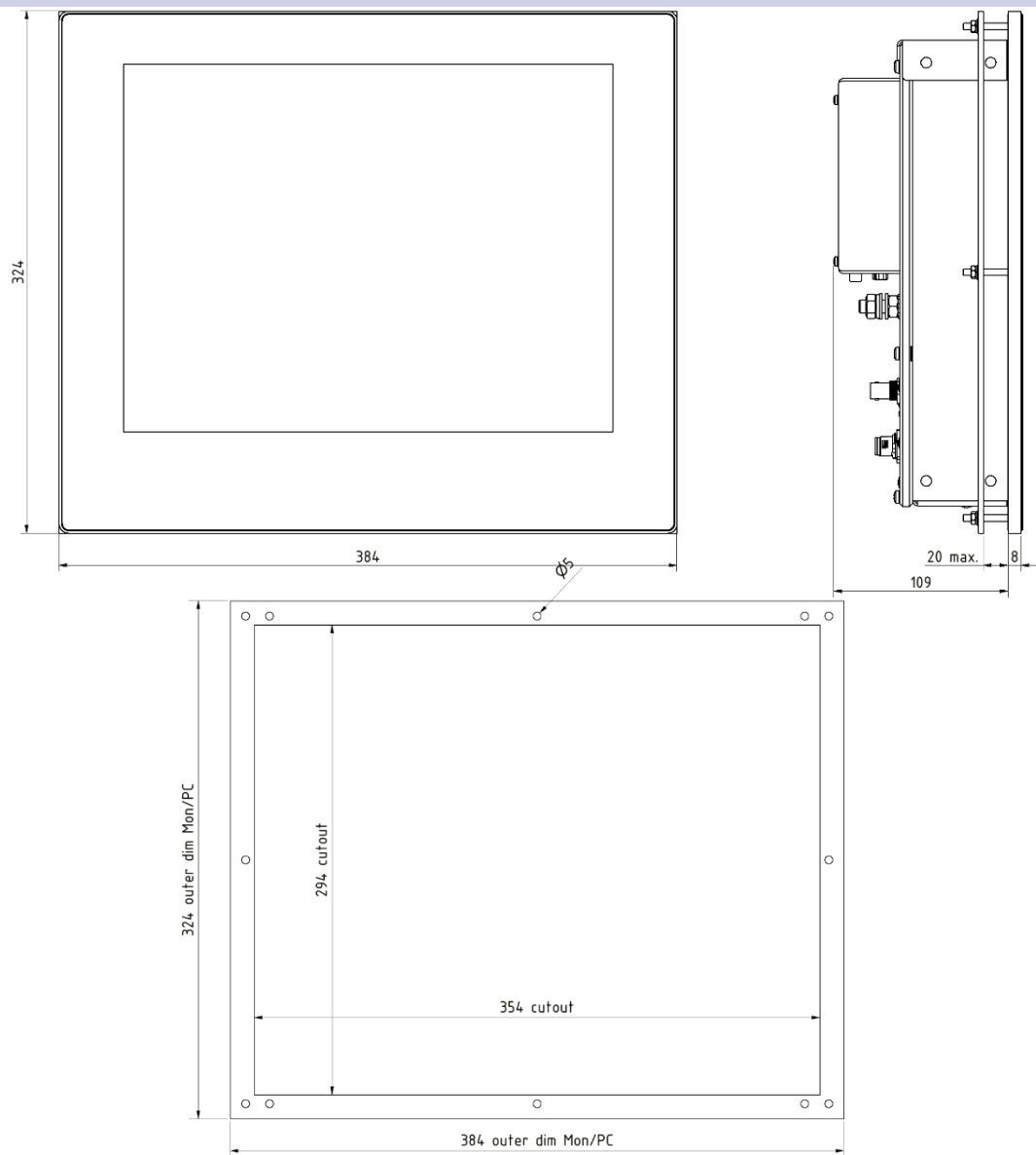
The displays can be conveniently operated with the remote controls AHD-DRM T and AHD-DRM R or from an external PC – for example from the command chair on the bridge.

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

The device is also available as the variant AHD 1115 M with a matt glass front (Gloss 100).

Due to the changed characteristics, the displays should not be installed next to displays and panel PCs of the previous model series.

Dimensions



Technical Data

Power supply	24 V DC (+30% / -25%)	Interfaces	1 x CAN (Böning Remote Control Bus)
Power consumption	Ca. 40 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. 10 kg		2 x DVI IN
Protection class	IP 56 (front side), IP 20 (rear side)		1 x VGA
Dimensions	384 x 324 x 117 mm	Resolution	1024 x 768 pixels (max., XGA)
W x H x D	Installation depth min. 140 mm	Colors	16.7 M
Panel cutout	352 x 292 mm	Luminosity	1600 cd/m ²
Required distance to compass	Steering magnetic compass: 0.50 m Standard magnetic compass: 0.95 m	Contrast	6500:1
Approvals	ABS, CRS, DNV, LR, RINA	Viewing angle	Horizontal 176° vertical 176°
		Aspect ratio	4:3
		Item number	AHD 1115 G: 21344 AHD 1115 M: 21345