AHD 1119 G
Displays with Touchscreen and Glass Front

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

Böning Automationstechnologie's new generation of panel PCs 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^2 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 Böning 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 1119 M with a matt glass front (Gloss 100).

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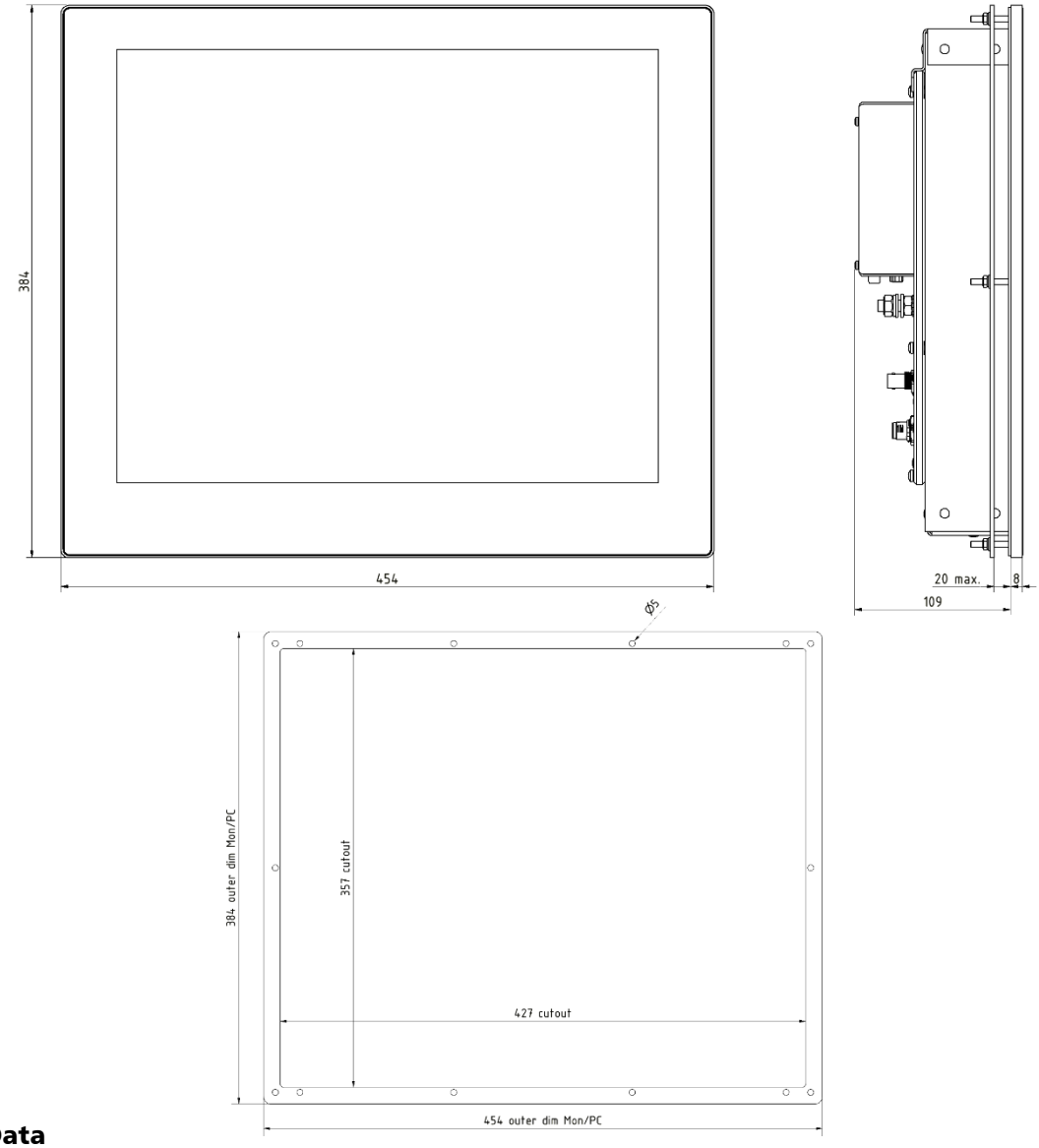
Dimensions



Technical Data

Power supply	24 V DC (+30% / -25%)
Current consumption	Ca. 50 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. 12 kg
Protection class	IP 56 (front side), IP 20 (rear side)
Dimensions W x H x D	454 x 384 x 117 mm Installation depth min. 140 mm
Panel cutout	427 x 357 mm
Approvals	DNV, LR, RS

Interfaces	1 x CAN (Böning 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	1280 x 1024 pixels (H x V; max., SXGA); Pixel pitch 0.294 mm
Luminosity	1000 cd/m^2
Contrast	2000:1
Viewing angle	Horizontal -89° / +89° vertical -89° / +89°
Required distance to compass	Steering magnetic compass: 1.00 m Standard magnetic compass: 1.80 m
Item number	AHD 1119 G: 16357 AHD 1119 M: 17326