

AHD 1224 G **Panel PC with Glass Front**



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

Böning 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 at least 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 latest display technology allows for even more brilliant colors and a markedly increased viewing angle (In-Plane Switching IPS).

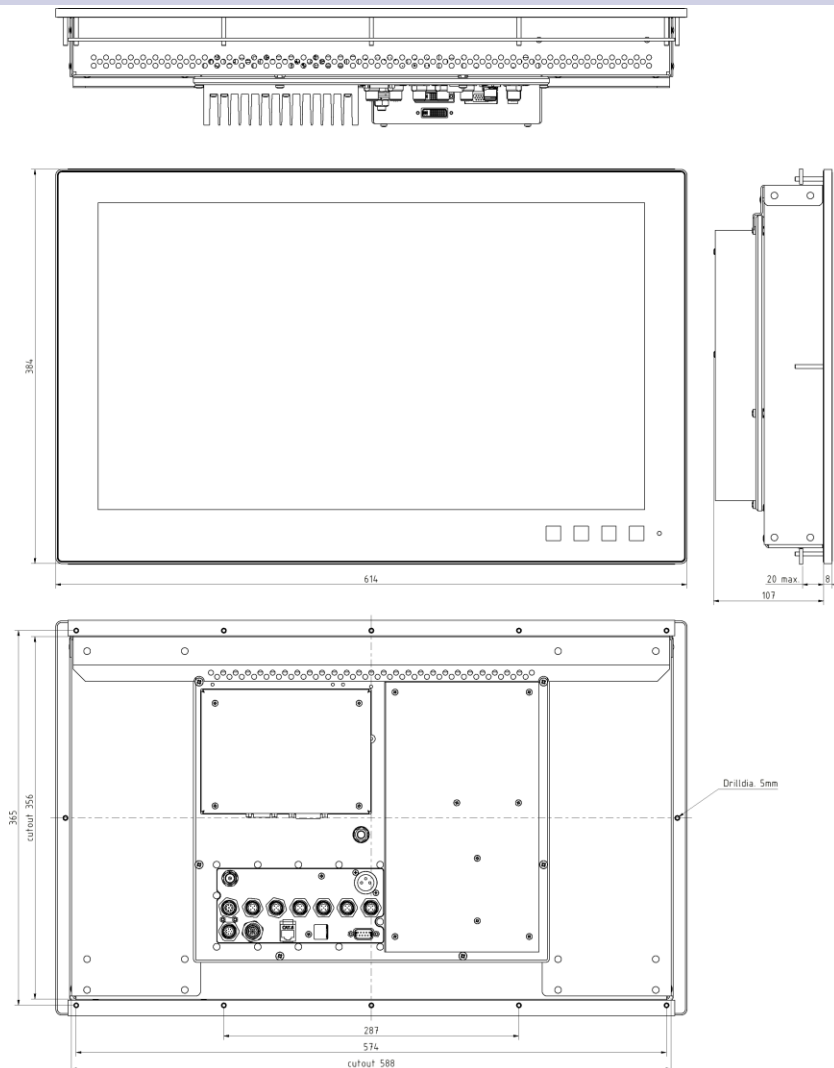
Their 24 V DC power supply makes these devices especially suitable for use on ships.

AHD 1224 G is equipped with a powerful PC allowing safe and reliable operation, even in extreme conditions.

The visualization system with embedded operating system operates completely autonomously. Advantage: it requires neither firewalls nor virus scanners, and in addition, the configuration cannot be changed by accident.

The PC is especially developed for ship building, and is absolutely maintenance free. The elimination of mechanically movable components, such as hard disks or fans, renders the device impact resistant. The passive cooling system significantly contributes to its operational safety.

Dimensions



Technical Data

Power supply	24 V DC (+30% / -25%)	Interfaces	7 x CAN
Power consumption	Ca. 80 W (24 V DC)		1 x RS 232
Ambient temperature	-30°C...+55°C (-30°C...+70°C at interior console temperature of max. +45°C)		1 x LAN
Storage temperature	-30°C...+85°C		2 x USB
Weight	ca. 15 kg		Digital IN (4x opto-coupler)
Dimensions (mm)	614 x 384 x 115 (installation depth min. 140 mm)		Digital OUT (5 x relay)
Protection class	IP 56 (frontside), IP 20 (rear side)		1x Video IN (50 Hz PAL); 2 x DVI, 1 x VGA
Processor	2.0 GHz Dual Core	Resolution	1920 x 1080 pixels Full HD
RAM	8 GB	Luminosity	1000 cd/m ²
Flash disk	8 GB	Contrast	2000:1
		Viewing angle	Hor. 89° / 89°; Vert. 89° / 89°
		Approvals	DNV GL, LR
		Required distance to compass	Standard magnetic compass: 110 cm Steering magnetic compass: 60 cm