

AHD 1215 G / AHD 1215 M

Panel PCs with touchscreen and glass front



- **Panel PC with touchscreen and glass front**
- **All-in-one solution for quick installation - space-saving and cost-reducing**
- **Powerful PC system for enhanced performance**
- **Excellent readability thanks to increased brightness and contrast**

The new AHD 1215 G panel PC is part of the current model range of 15-inch displays and panel PCs with improved readability thanks to increased brightness and contrast.

Increased performance and functionality are combined in a modern design and increase safety and ease of use on ship bridges. With a brightness of up to 1600 cd/m², good readability is guaranteed even in bright sunlight. Automatic dimming ensures that the displays work glare-free even when cruising at night.

Thanks to the use of automotive components, the devices can be used in a wider temperature range than conventional displays.

With a power supply of 24 V DC, the devices are ideally suited for use on ships.

The capacitive touchscreen enables convenient operation, while the latest display technology enables even more brilliant colors.

Basic functions such as alarm acknowledgement and brightness control are available via buttons on the front.

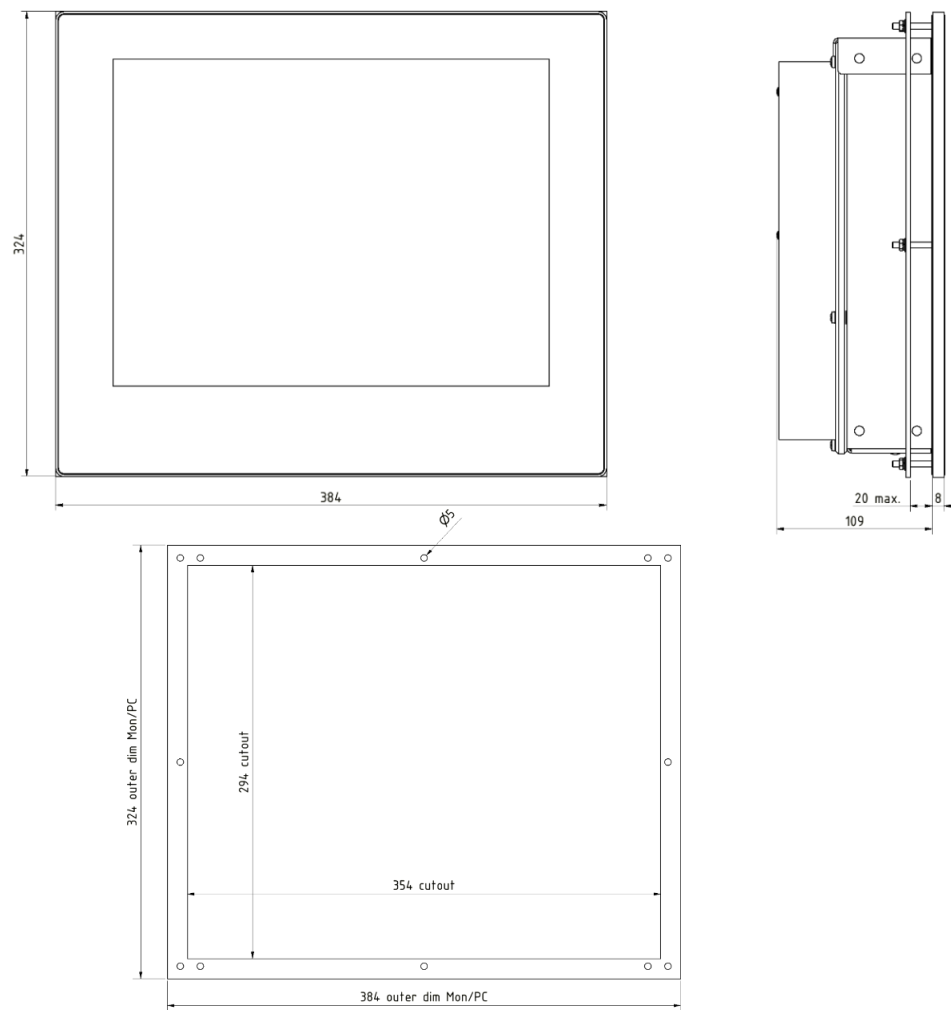
The integrated PC system ensures safe and reliable operation even under extreme conditions. The PC module has been specially developed for shipbuilding and there are no mechanical or moving components. Thanks to the passive cooling system, the device operates completely silently.

The visualization system with a closed operating system works autonomously. This means that the configuration is protected and cannot be changed unintentionally. Furthermore, no firewall or virus scanner is required, meaning that regular updates are not necessary.

If no external video input is required, for example for displaying electronic nautical charts, the device is also available in a version without DVI and VGA interfaces.

The device is also available as an AHD 1215 M version with a matt glass front (Gloss 100).

Dimensions



Technical data

Power supply	24 V DC (+30% / -25%)	Interfaces	7 x CAN (6 x system integration, 1 x remote control)
Power consumption	Approx. 60 W (24 V DC)		1 x RS 232 (for example for GPS)
Ambient temperature	-30°C...+ 45°C (active cooling of the mounting space recommended for high interior console temperature)		1 x LAN
			2 x USB (for example for a mouse)
Storage temperature	-30°C...+85°C		1 x Video IN (50 Hz, PAL, BNC)
Weight	Approx. 10 kg		2 x DVI IN (optional)
Protection class	IP 56 (front), IP 22 (rear)		1 x VGA (optional)
External dimensions	384 x 324 x 117 mm		Digital IN (4 x optocouplers)
W x H x D	Installation depth min. 140 mm		Digital OUT (5 x relay)
Console cut-out	354 x 294 mm	Resolution	1024 x 768 pixels (H x V)
Processor	Intel Atom CPU	Colors	16,7 M
Operating system	Windows 10 LTSC	Luminosity	1600 cd/m ²
Required distance to the compass	Steering magnetic compass: 0.80 m Standard magnetic compass: 1.65 m	Contrast ratio	6500:1
Approvals	ABS, CRS, DNV, LR, RINA	Viewing angle	Horizontal: 176°, Vertical: 176°
		Aspect ratio	4:3
		Item number	AHD 1215 G: 24470 without DVI and VGA: 24462 AHD 1215 M: 24471 without DVI and VGA: 24463