AHD 1215 G
Panel PCs with Touchscreen and Glass Front

- **Panel PCs with touchscreen and foil front**
- **All in one solution for quick installation – saves space and costs**
- **Powerful PC system for enhanced performance**
- **Can also be integrated into existing systems**
- **Significantly improved readability due to increased luminosity and contrast**

The new panel PCs AHD 1215 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/m^2 ensures good readability at all times, even during bright sunlight. Automatic dimming ensures that the displays operate glare-free especially when cruising at night.

The capacitive touchscreen allows comfortable operation; the latest display technology provides even more brilliant colors.

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

The newest-generation capacitive touchscreen allows comfortable operation without visible threads. The latest display technology provides even more brilliant colors and a markedly increased view angle.

Basic functions such as alarm acknowledgement and brightness control can be quickly accessed with the built-in buttons.

The powerful Panel PCs AHD 1215 G allow 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.
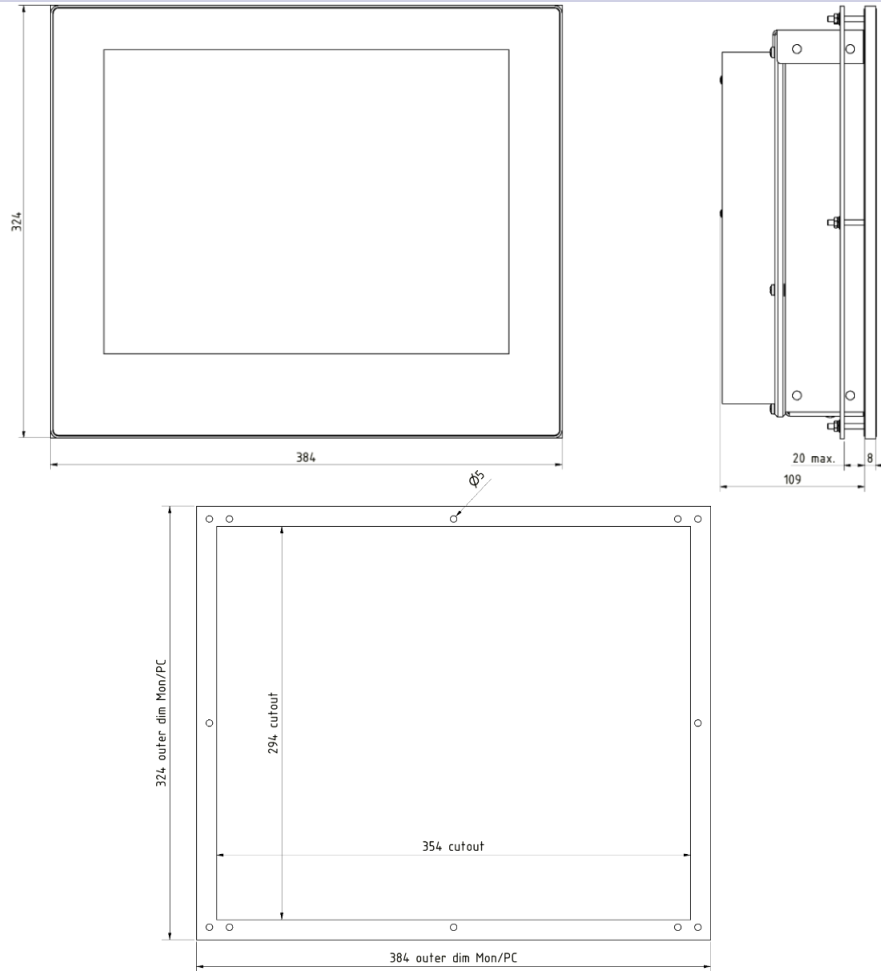
These PCs were especially developed for maritime use. The absence of moveable parts, such as hard disks, makes the device insensitive to shock and thus ideally suited for use on ships. The passive cooling system significantly contributes to its operational safety.

Optionally, the device is available without DVI and VGA interfaces. With this variant, for example, no electronic nautical charts can be displayed.

The device is also available as the variant AHD 1215 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.

BÖNING
SHIP AUTOMATION

Dimensions

Technical Data

Power supply	24 V DC (+30% / -25%)	Interfaces	7 x CAN (6 x system integration, 1 x remote control)
Power consumption	Ca. 60 W (24 V DC)		1 x RS 232 (for example for GPS)
Ambient temperature	-30°C...+55°C (-30°C...+70°C at interior console temperature of max. +45°C)		1 x LAN
			2 x USB (for example for a mouse)
			1 x Video (50 Hz, PAL, BNC)
Storage temperature	-30°C...+85°C		2 x DVI IN (Optional)
			1 x VGA (Optional)
Weight	Ca. 10 kg		Digital IN (4 x optocoupler)
Protection class	IP 56 (front side), IP 20 (rear side)		Digital OUT (5 x relay)
Dimensions W x H x D	384 x 324 x 117 mm Installation depth min. 140 mm	Resolution	1024 x 768 pixels (H x V; max., SVGA)
		Colors	16.7 M
Panel cutout	354 x 294 mm	Luminosity	1600 cd/m^2
Processor	2.0 GHz Quad Core	Contrast	6500:1
RAM	8 GB	Viewing angle	Horizontal 176°
Flash disk	128 GB		vertical 176°
Required distance to compass	Steering magnetic compass: 0.80 m Standard magnetic compass: 1.65 m	Aspect ratio	4:3
		Item number	AHD 1215 G:21338 Without DVI and VGA: 21339 AHD 1215 M: 21340
Approvals	CRS, DNV, LR, RS		Without DVI and VGA: 21341