

AHD 1319 GW

Panel PC with Glass Front



- ***Panel PCs with bonded glass front and super-bright touchscreen display***
- ***All-in-one solution for quick installation – space-saving and cost-reducing***
- ***Powerful PC system for enhanced performance***
- ***Can be integrated into existing systems***

The new display generation from Böning Automation Technology expands the product range in the visualization segment with innovative devices.

Increased performance and functionality are combined in a modern design, enhancing safety and ease of use on ship bridges. With a brightness of up to 800 cd/m², good readability is guaranteed even in strong sunlight. Automatic dimming ensures that the displays are glare-free even when cruising at night.

The use of automotive components means that 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 latest generation capacitive touchscreen allows convenient operation without visible threads interfering with the visualizations. The latest display technology enables even more brilliant colors with a significantly wider viewing angle.

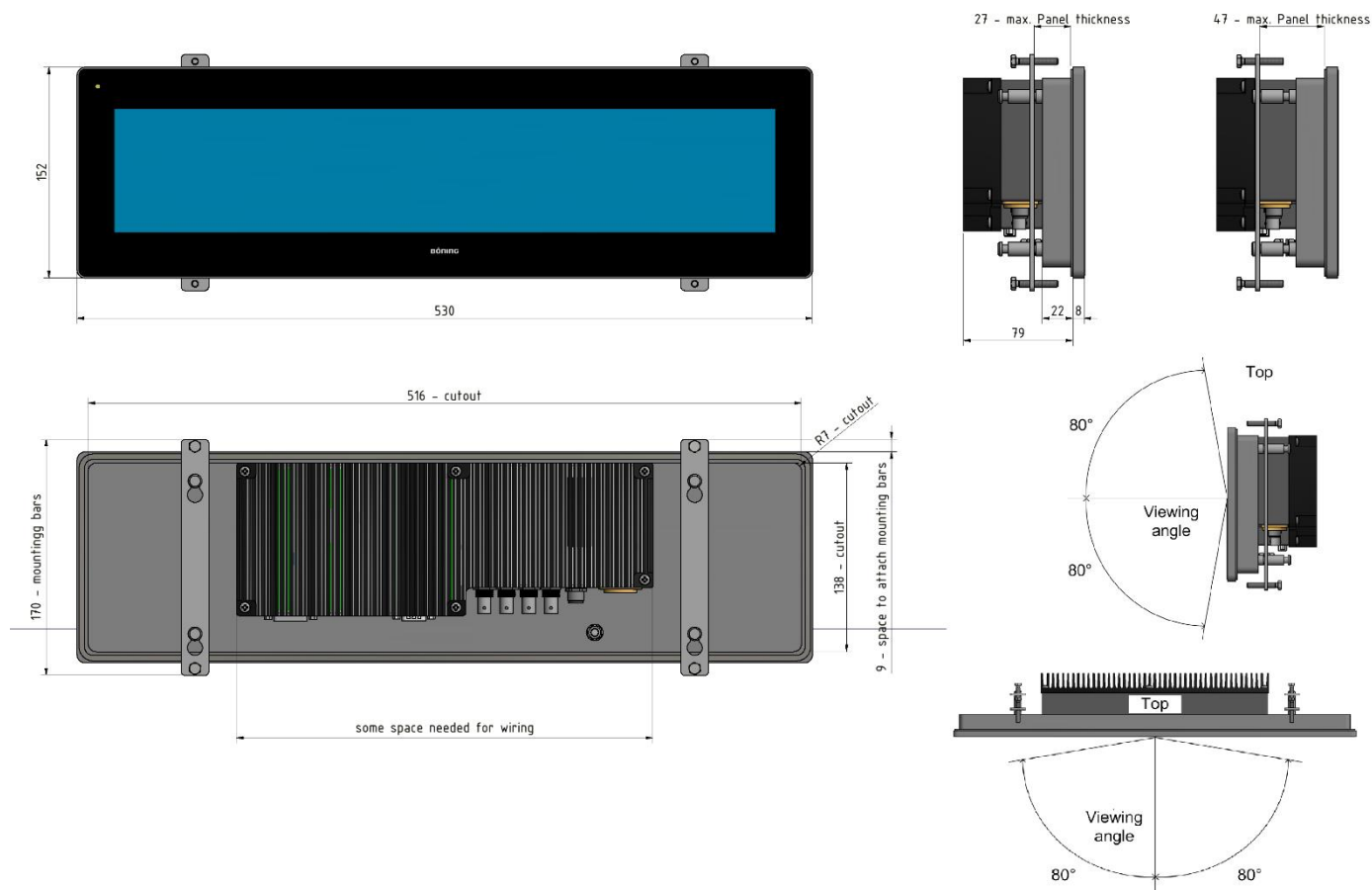
The powerful panel PCs ensure safe and reliable operation even under extreme conditions. The visualization system with a closed operating system works independently. This protects the configuration and prevents unwanted changes. In addition, neither a firewall nor a virus scanner is required, so regular updates are also unnecessary.

AHD 1319 GW must be used in conjunction with a data processing station AHD-DPU 9 or a panel PC AHD 12XX.

The device is also available as the variant AHD 1319 MW variant with a matt glass front (Gloss 100).

An adapter with a 0.15 m (5.9 in) cable (item no. 24666) is available for connecting displays without a DisplayPort interface.

Dimensions



Technical Data

| | |
|------------------------------|---|
| Power supply | 24 V DC (+30% / -25%) |
| Power consumption | Approx. 45 W (24 V DC) |
| Ambient temperature | -30°C...+45°C (active cooling of the mounting space recommended for high interior console temperatures) |
| Storage temperature | -50°C...+85°C |
| Weight | Approx. 7 kg |
| Protection type | Front side IP65 rear side IP22 |
| Dimensions | 530 x 152 x 87 mm |
| W x H x D | Minimum installation depth 100 – 110 mm |
| Panel cutout | 516 x 138 mm |
| Processor | Intel Atom CPU |
| Operating system | Windows 10 LTSC |
| Required distance to compass | Magnetic steering compass: 1.00 m Magnetic steering compass: 1.80 m |
| Approvals | - |

| | |
|-------------------|--|
| Interfaces | 1 x CAN (remote bus) |
| | 1 x RS-232 (for internal diagnostics) |
| | 3 x LAN |
| | 3 x USB (e.g. for mouse) |
| | 4 x Video IN (50 Hz, PAL, BNC) |
| | 1 x DisplayPort video out |
| Display | |
| | Screen diagonal 19.2" (488 mm) |
| | Resolution 1920 x 360 pixels (H x V) |
| | Aspect ratio 16:3 |
| | Luminous intensity 800 cd/m ² |
| | Contrast 600:1 |
| Viewing direction | From below or above |
| ItemNumber | AHD 1319 GW: 24551 |
| | AHD 1319 MW: 24552 |