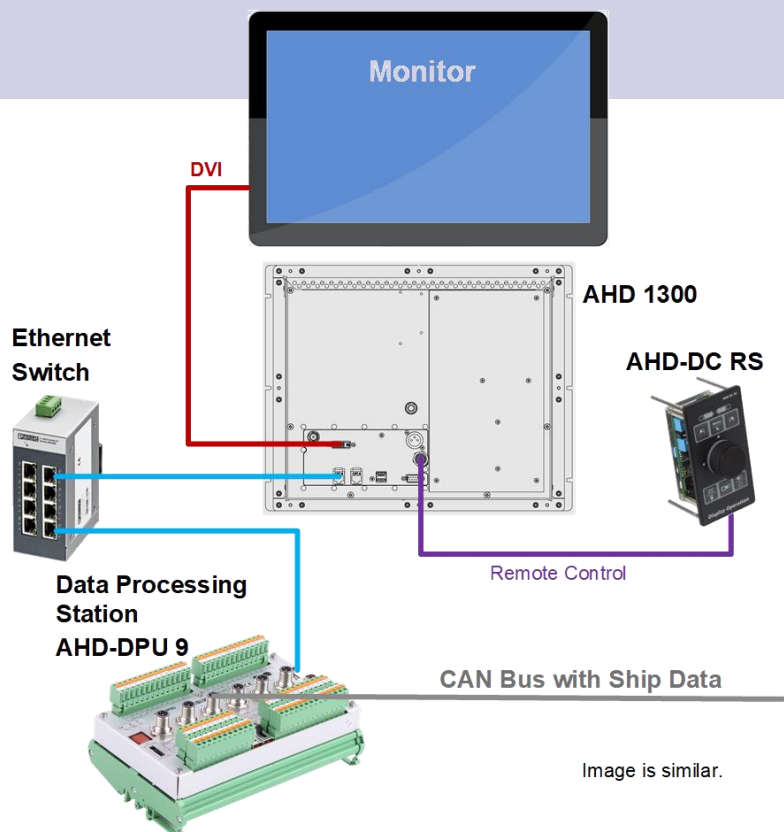


AHD 1300 Blackbox PC



- **Solid State Drive**
- **Low Energy Consumption**
- **No Moving Parts**
- **Passive Cooling System**
- **Video Frame Grabber**

The acquisition of ship data, general status information and alarms is an essential part of modern alarm and safety systems. The continuous increase of the complexity and volume of generated information creates higher demands on the performance of data acquisition systems. The integrated PC of AHD 1300 satisfies these demands perfectly.

With its two LAN interfaces the device is integrated into the ship's Böning system. The CAN interface is used for remote control of a connected display.

All interfaces are connected individually with standardized plug connectors.

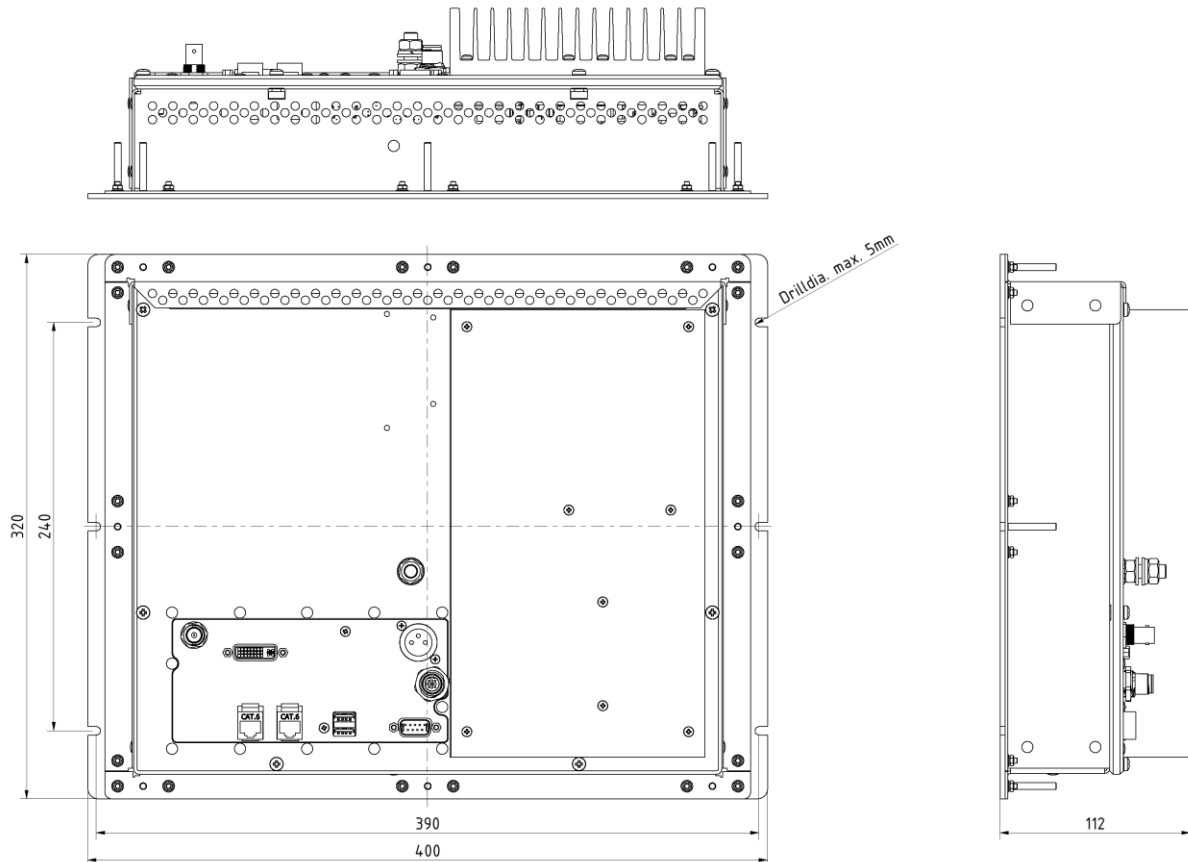
- **Isolated 24 V DC**
- **Isolated Interfaces**
- **Visualization of External Image Data Sources (Cameras)**

The Blackbox PC AHD 1300 is designed for bulkhead mounting. The device was developed specially for maritime use. Its passive cooling system without fans and air exhausts ensures the effective cooling of the device components. The absence of moveable parts, such as hard disks, makes the device insensitive to shock and thus ideally suited for use on ships.

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

AHD 1300 must be used with a data processing station AHD-DPU 9 or a panel PC AHD 12XX.

Dimensions



Technical Data

Power supply 24 V DC (+30% / -25%)

Power consumption Appr. 45 W (24 V DC)

Operating temperature -30°C...+55°C

Storage temperature -50°C...+70°C

Weight Appr. 10 kg

Degree of protection IP 20

Dimensions 400 x 320 x 112

W x H x D (mm) (installation depth 130 mm min.)

Processor 2.0 GHz Quad Core

RAM 8 GB

Flash disk 128 GB

Approvals -

Interfaces 1 x CAN (Remote control)

1 x RS 232 (Service only)

2 x LAN (Integration into the ship's Böning system)

2 x USB

1 x DVI-I OUT

Resolution Max. 1920 x 1200 pixels (H x V)

Required distance to compass Steering magn. compass: 0.40 m
Standard magn compass: 0.50 m

Item number 17306