

AHD-DRM T

Display Operation Panel with Trackball



Remote operation of Böning panel PCs and displays of the AHD 11XX, AHD 12XX and AHD 13XX series

Single and multiple control of displays (in combination with operating panel AHD-DC)

Data communication on CAN bus

Comfortable control of display menu and visualization with trackball

Robust and elegant design for sophisticated demands

Compact device for installation in control desks, panels or arm-rests

Designed for in- and outdoor applications

Control of navigation PCs and others possible In combination with AHD-CUC

The display operation panel AHD-DRM T features all necessary functions to operate Böning panel PCs (AHD 12XX and AHD 13XX). The behavior of the operating panel is similar to a common PC mouse, enabling the operator to open all visualization pages and to activate the respective operating elements.

On the displays of the AHD 11XX series, the operating panel only switches between the sources. More functions are possible with the data converter AHD-CUC.

If multiple displays are to be operated from different selectable control stands, AHD-DC must be installed for the selection of the active display.

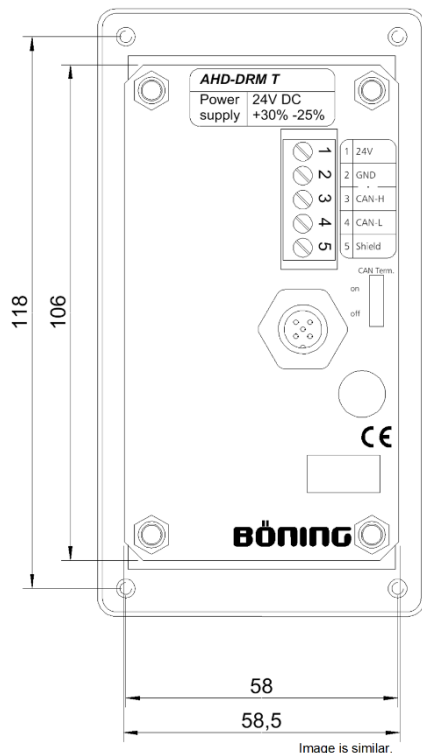
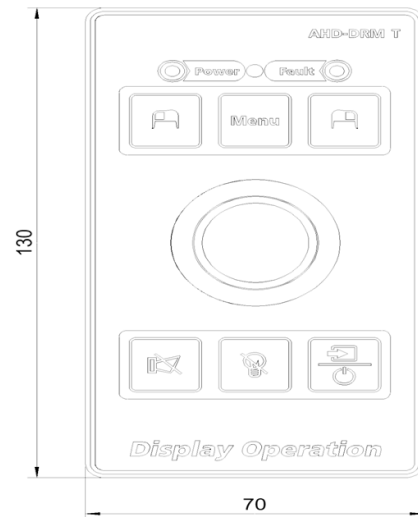
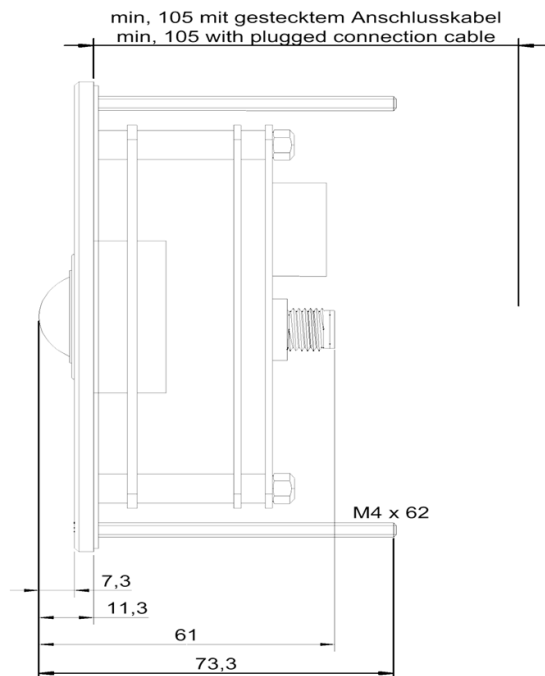
On the rear side, AHD-DRM T is provided with a plug connector for the CAN bus connection and a 5-pole terminal strip (connection of 24 V DC power supply and alternative connection of the CAN bus).

The operation panels AHD-DRM T and AHD-DC (if used) are connected to the same CAN bus for data transmission from operation panels and controls to the displays. All controllable displays are also connected to the control CAN bus interface port.

The control CAN bus is separated from other CAN bus systems (i.e. SAS-CAN for ship alarm and monitoring system or engine CAN bus) to ensure an undisturbed data communication.

For safety reasons, every operation panel on the control CAN bus is connected separately to the 24 V DC power supply.

Technical information:



Technical data

Mechanical data

Dimension W x H x D	70 x 130 x 74 mm
Weight	Appr. 0.3 kg

Environmental data

Operating temperature	-25°C ... +70°C
Storage temperature	-30°C ... +85°C
Enclosure	IP 67, front side IP 20, rear side

Electrical data

Power supply	24 V DC (+30% -25%)
Current consumption, max.	Appr. 40 mA (24 V DC)

Interfaces

1 x CAN	Data communication with displays and AHD-DC on control CAN
5-pole terminal strip	Connection of 24 V DC power supply Alternative connection of CAN bus

Approvals

Required distance to compass	CRS, LR, RS Standard magnetic compass: 0.30 m Steering magnetic compass: 0.30 m
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