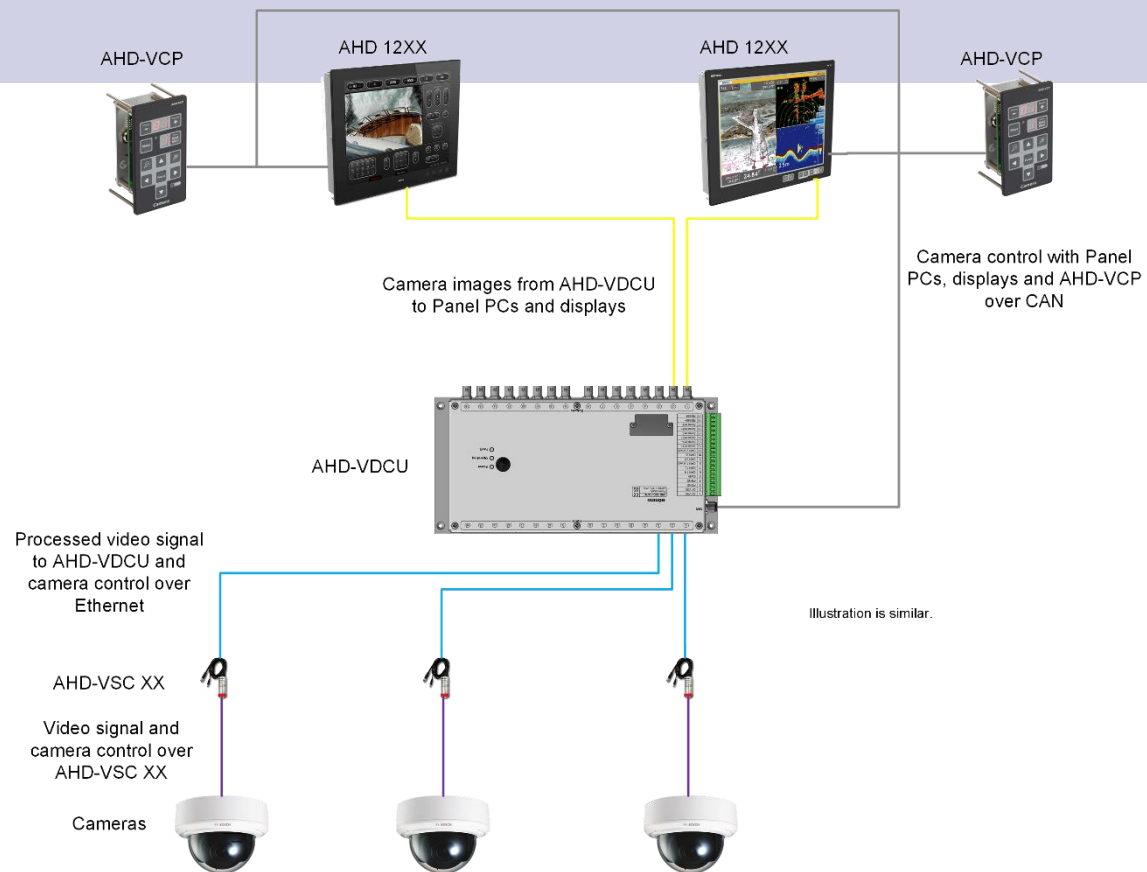


Video Central Unit for the Video System AHD-VCS



- *Distribution of images from 8 or 16 cameras to panel PCs, displays or other output devices*
- *Assignment of camera images to output devices and camera control with panel PCs, displays and AHD-VCP*
- *Output to QUADs possible*

AHD-VDCU is the central component of the Böning video control system AHD-VCS.

Depending on the device variant AHD-VDCU receives images from supported cameras or other video sources at its 8 or 16 RJ45 interfaces. At its CAN interface AHD-VDCU receives from panel PCs, displays and Video Control Panel AHD-VCP commands to control cameras and to assign camera images to its 8 or 16 BNC outputs.

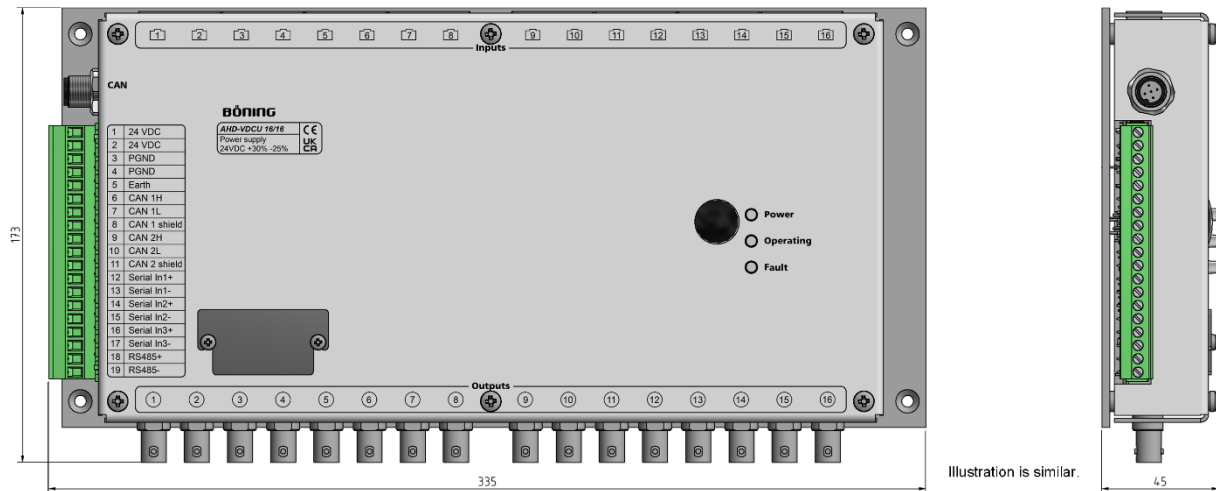
For the connection to up to 32 cameras, 2 control units AHD-VDCU can be cascaded.

Each AHDVDCU can show the camera images on 2 QUADs

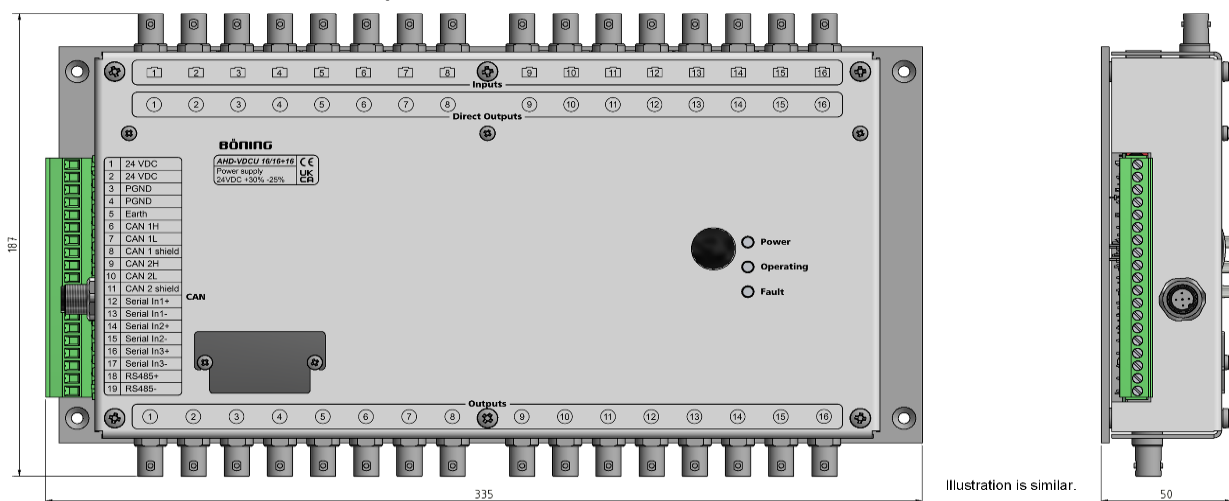
The variant AHD-VDCU 16/16+16 provides 16 additional BNC outputs for the direct output of the received video data to an output device, for example a video recorder. These additional outputs always display the video image received at the corresponding input; it is not possible to change this via AHD-VDCU.

For the connection to cameras camera specific Video Signal Converters AHD-VS XX are required. For some cameras additional converters AHD-SEC2 are required.

Dimensions of AHD-VDCU 8/8 and AHD-VDCU 16/16



Dimensions of AHD-VDCU 16/16+16



Technical Data

Dimensions W x H x D	AHD-VDCU 8/8 and AHD-VDCU 16/16: 335 x 173 x 45 mm (Base plate: 330 x 160 mm) AHD-VDCU 16/16+16: 335 x 187 x 50 mm (Base plate: 330 x 160 mm)
Weight	AHD-VDCU 8/8: Approx. 1.3 kg AHD-VDCU 16/16: Approx. 1.4 kg AHD-VDCU 16/16+16: Approx. 1.7 kg
Operating temperature	-20°C ... +70°C
Storage temperature	-30°C ... +85°C
Protection class	IP 10
Power supply	24 V DC (+30% / -25%)
Current consumption	Max. 300 mA (24 V DC) for the device electronics without cameras In addition, a maximum of 400 mA extra for each camera.
Video interfaces	AHD-VDCU 8/8: 8 RJ45 sockets AHD-VDCU 16/16: 16 RJ45 sockets AHD-VDCU 16/16+16: 16 RJ45 sockets

Video outputs	AHD-VDCU 8/8: 8 BNC sockets AHD-VDCU 16/16: 16 BNC sockets AHD-VDCU 16/16+16: 16 BNC sockets for controllable assignment to output devices, 16 BNC sockets for fixed assignment to output devices
Interfaces	1 x CAN bus 1 on terminal strip for future use 1 x CAN-bus 2 at DeviceNet socket and on terminal strip for data communication 1 x RS-232 (Sub D 9 socket) 1 x RS-485, for connection of Flir cameras with AHD-SEC2 3 x Serial input (Optional, optocoupler, not used)
Item numbers	AHD-VDCU 8/8: 21193 AHD-VDCU 16/16: 21196 AHD-VDCU 16/16+16: 21202