

VDEU

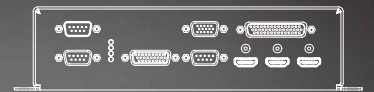
DESCRIPTION

Video Decoder and Encoder Unit

The VDEU is a versatile controller unit for AlsterAero's integrated IFE and CMS. Its video output is intended for display on cabin monitors. It provides all the services for passenger experience like Video on Demand, Moving Map applications and Passenger Information Services. The video input of the VDEU can be either displayed directly on the screen, e.g. for connection of loose passenger equipment like game consoles, or the video signal can be encoded and transferred over the cabin ethernet to an arbitrary number of playback devices. This allows for connection of central video equipment like Blu Ray players, moving map computers.

In addition, the VDEU features HiFi audio interfaces with eight output channels and four input channels. This allows the VDEU to be used as a audio decoder for integration with HiFi amplifiers.

Standard CMS interfaces like discretes and serial RS-485 lines allow for a compact integration into AlsterAero's CMS, and reducing unit count and wiring overhead.

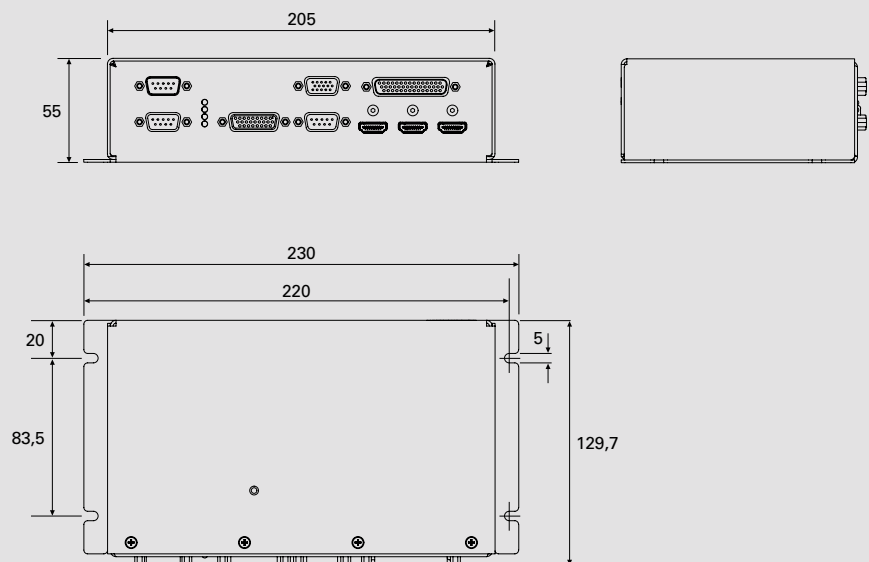


FEATURES

- HDMI and VGA video outputs for connection of larger cabin monitors
- HDMI and CVBS video inputs for direct playback on monitor or transmission via network
- powerful processing unit
- fast Ethernet interface
- eight channel precision audio decoder for external audio equipment
- four channel audio input
- integrated CMS interfaces
- supply via Power over Ethernet or 28VDC (orderable option)

OUTLINE DRAWING

dimensions are millimeter (mm)

**QUALIFICATION**

- DO160

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