

Compact Digital Aircraft Video Server



AD Aerospace's FV-0591 Compact Digital Aircraft Video Server is an in-house developed (No ITAR) product, ideal for total aircraft video requirement (FDEVSS, Cabin, Cargo, and external IFE camera).

The FV-0591 offers a cost-effective High Definition network video recording system, allowing direct connection of up to 16 high resolution 2MP IP cameras, which are directly powered by the FV-0591 and 2 HD-SDI cameras. The FV-0591 purpose is to perform conversion to H-264 of the input video streams to provide onward video transmission to an EFB/ Ethernet backbone, providing the pilots the ease of use and the ability to check and assess images using a simple graphical user interface.

The data is stored on a solid-state drive, to provide better resilience to vibrations, while at the same time achieve high storage capacity on a media type which is also lightweight when compared to more traditional storage media.

Specifications

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Size	320mm x 195mm x 57mm (excluding handle)
Weight	1.5kg Maximum
Channels	16 Channel IP Camera + 2 HD-SDI Inputs
Capacity	Internal Recording Capacity: 1 TB on Solid States Drives to guarantee efficiency and reliability in a vibration environment.
Power	Maximum under normal operating conditions of 0.7A at 28V dc with not cameras loaded.
Supply to Camera	Up to 16 IP Cameras (No additional aircraft power supply required to the cameras.)
Mounting	ARINC 600 2 MCU size – Tray hook mount.
Qualification	Fully DO-160 Qualified
Connector Interface	ARINC
Feature Options	BITE and VMS

