

AD Aerospace's FV-0610 Aerospace Video Server takes input from up to 8 analogue cameras and produces two Electronic Flight Bag (EFB) compatible Ethernet streams.

This gives the pilots ease of use such as easy selection of cameras and rewind / replay to check and assess images using a simple graphical user interface. Using Cat5 screened cable the system is immune to Electro Magnetic interference and will not interfere with any existing systems.

The data is stored on a removable flash storage device. Recording can be either continuous or else the system can be activated by an alarm with a configurable recording loop buffer. This buffer can show what happened in the time leading up to the alarm being activated.

The unit is ideal for aircraft security solutions as the small size and easily accessible storage medium means it can be conveniently stowed and quickly accessed.



Recording Method

Video is streamed using, MPEG4 and are stored using MJPEG compression techniques, at about 20KB per frame on flash devices. A 32Gb device gives 13 hours of recording at 4 frames a second with 8 cameras or 26 hours with 4 cameras.

Camera Settings

- Video Motion Detection configuration
- User configuration
- Alarm configuration
- Camera configuration
- Search Criteria
- Time / Date
- Event Log
- Rewind / Relay

FV-0610 Video Transmission Unit

- Ethernet 10/100 base T to IEEE 802.3
- Qualified to RTCA Do178B and Do160D / E.
- 8 Video Inputs
- 2 Audio Inputs
- 2 Ethernet Outputs
- Electronic Flight Bag compatible
- Removable Flash Storage
- Power Input - 28V dc to RTCA Do160D
- Maximum 10W power consumption
- Size 200mm x 225mm x 75mm
- Weight 1.2kg maximum