FV-0610

Aerospace Video Server

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

Command and control of the FV-0610 is achieved through the Ethernet connection. The operator is able to access Live and Recorded video through the Ethernet connection, using either a standard Browser, or bespoke Java application. This gives the pilots ease of use and the ability to check and assess images using a simple graphical user interface.

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 64Gb device gives 26 hours of recording at 4 frames a second with 8 cameras, or 52 hours with 4 cameras.

Camera Settings

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

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Specifications	
Size	250mm x 110mm x 58mm (excluding mounting brackets)
Weight	1.2kg Maximum
Qualifications	RTCA Do178B and Do160D / E.
Input	Video: 8 Balanced composite video inputs. Audio: 2 Inputs
Output	Ethernet: 3 Outputs
Ethernet	10/100 base T to IEEE 802.3
Power Input	28V dc to RTCA Do160D
Power Consumption	42W maximum on start up 14W normal operating conditions
Other	• Electronic Flight Bag compatible • Removable Flash Storage

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