FV-0580
Aerospace Video Switch Unit

AD Aerospace's FV-0580 Aerospace Video Switch Unit takes input from up to 4 analogue cameras and produces video streams suitable for viewing on displays such as LCD monitors.

The FV-0580 can provide a variety of functions from security to In-Flight Entertainment (IFE). Its most common application is the distribution of images from security cameras located around the approach to the cockpit door and in adjacent galleys to monitors on the flight deck. This enables the pilots to check who is outside of the door when entry is requested and asses and potential danger or threat before allowing access.

The video streams could just as easily come from external cameras to allow pilots to check on undercarriage deployment or for feeds through to the IFE system either on a passenger airliner or personal jet. Unit is light and small enough to be fitted in cabin overhead.

Specifications

Input	Video from up to 4 cameras each on its own connector
	PAL or NTSC standard
	The unit caters for both unbalanced and balanced video
Output	Two channels of balanced composite video, able to be selected independently, and each have OSD camera titling
	Each of the two channels has two independent video outputs, so can each support two monitors which will have duplicated video data
OSD function	Enables text to be defined, and superimposed on the video usually to indicate camera view
Power	Maximum of 500mA at 28V dc to aircraft specification
MTBF	50,000 hours
Dimensions	275mm x 176mm x 60mm
Weight	Maximum 1000g.
Connectors	Mil-C-38999 connectors
Environmental	RTCA DO160E\ED-14E, for cabin overhead mounted equipment
Qualification	RTCA DO178B Category E

AN AD GROUP COMPANY