

# 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 assess any 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.

The unit is light and small enough to be fitted in cabin, overhead.

## Specifications

<b>Dimensions</b>	275mm x 160mm x 60mm
<b>Weight</b>	1kg Maximum
<b>Connectors</b>	Mil-C-38999 connectors
<b>Input</b>	Video from up to 4 cameras each on its own connector, PAL or NTSC standard. The unit caters for both unbalanced and balanced video.
<b>Output</b>	Two channels of balanced composite video, able to be selected independently, and each have OSD camera titling.
<b>OSD function</b>	Enables text to be defined and superimposed on the video usually to indicate camera view.
<b>Power</b>	Maximum under normal operating conditions of 0.5A at 28V to aircraft RTCA Do160D.
<b>Environmental Qualification</b>	RTCA DO160E\ED-14E for cabin overhead mounted equipment.
<b>MTBF</b>	50,000 hours

