AD aerospace

CargoVu Baggage Security

Commercial airliner passenger baggage is highly vulnerable to theft, particularly when being loaded as loose bags in Bulk Cargo areas. One of the key times when thefts can occur is as the bags are actually loaded onto the aircraft as the crews are often unsupervised and out of range of the security and CCTV systems within the airport buildings.
CargoVu Baggage Security provides video surveillance within the hold of the aircraft itself with covert cameras passing images to a concealed video server. These images can be broadcast to nearby ground security or stored for easy retrieval later by authorised staff.

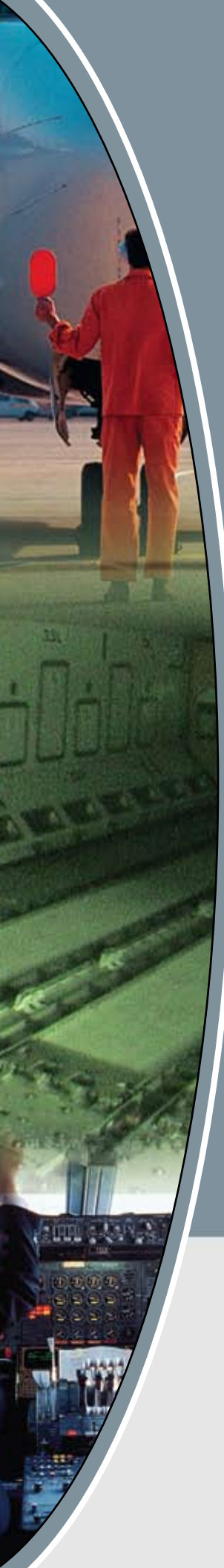
Knowledge that activity is or may be being monitored acts as a deterrent to baggage theft or tampering and encourages ground staff to take more care. The recorded images on the server are labelled with date, time, camera and system identification number. Should an incident occur "watermarking" facilities are available to identify the recording as first evidence and therefore qualified for use in court.

The standard configuration of CargoVu Baggage Security has the system active only when there is weight on wheels and the baggage hold door is open, using video motion technology to trigger recording. Knowledge that a system is fitted can therefore be restricted to relevant security personnel. As the system is not active during flight not even the crew need to be informed of its presence, helping to maintain secrecy.

CargoVu is compatible with Electronic Flight Bag (EFB) technology, so if desired loading and unloading can be monitored live from within the cockpit or the video data can be quickly retrieved to be reviewed by security personnel at their workstations using NetVu Observer video monitoring software.

FlightVu

Aircraft video systems for safety and security.

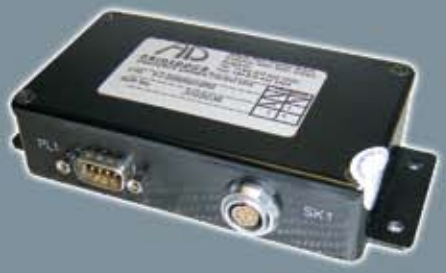


FlightVu

SPECIFICATIONS

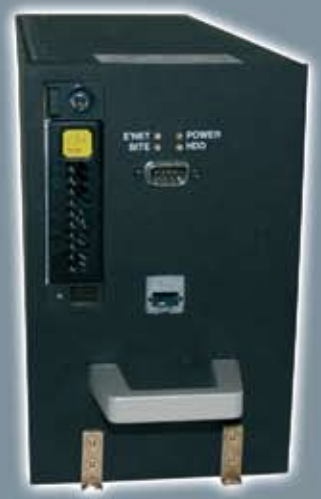
Covert Cameras

- Monochrome or Color
- NTSC or PAL
- Pin-Hole Lens
- Colour Co-ordinated Covert Housing
- Maximum 130mA per camera from 12V supply
- Sensitivity
- Better than 0.1 Lux Colour. The colour camera acts as monochrome at less than 1 Lux.
- Better than 0.02 Lux Monochrome
- Weight 180g Max 400g incl Camera Control unit
- Size 80mm x 100mm x 32mm Max



Camera Control unit

- Runs from 28V aircraft supply
- Supplies the required voltage for the camera head (set by Part Number)
- Balanced video drive output for extra noise immunity
- Pre-defined output impedance to be suitable for the application.
- Thermistor sensing and switching of a camera mounted heater
- 28V output (maximum 900mA) to be used to supply camera lens heater.
- Size 139.7mm x 64mm x 41.6mm
- Weight 220g
- ED-14D Env. Cat. [A1V]CAB[RBB1]XWFDFXXA(CF)AAC[TTT]MXXXXXXA



Digital Video Server

- Ethernet 10/100 base T
- User friendly GUI (Graphical User Interface)
- Electronic Flight Bag compatible
- Power Input - 28V dc to RTCA DO160D
- Environmental Specification - A2A2CABHXXXXXXAABZBTLXXXA
- Software Spec - RTCA DO178B Category D
- Up to 16 video inputs
- Form Factor - ARINC600 4MCU
- Size - 320 x 124 x 195mm
- Weight – 4kg maximum

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AN AD GROUP COMPANY

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