

Digital video recorder

STORAGE UNIT FOR AIRCRAFT | VIDEO SECURITY SYSTEM

LEGACY UPGRADE



- Supports up to 20 security camera feeds for aircraft cabin monitoring
- Up to 7 fiber optic 1000 BaseSX interfaces
- Dual 512 GB frontremovable solid state drives with increased capacities available
- 4 MCU ARINC 600 (or 1/2 ATR per ARINC 404) box with convectionconduction cooling
- 115V AC, 72 W, 360 to 800 MHz power supply
- Weight approximately 17 lbs
- High performance, low power Intel CPU
- Audio, video stream and ancillary data scrambling
- Windows 7 OS
- Fully tested and integrated system for ease of installation

Requirements

Provide an in flight video recording system for security monitoring in commercial aircraft. Provide support for uninterrupted video feeds from cameras positioned throughout the aircraft.

Solution

Elma provided a rugged system supporting up to 20 camera feeds and 50 hours of recording time. The system includes a high performance CPU and provides easily removable data cartridges housing solid state drives for reliable performance in harsh environments. The system allows for data storage removal for post flight review with the ability to operate in harsh avionics applications environments.



Not actual system - sample shown

Benefits

- Fast data storage removal allows faster analysis of critical flight data
- Exceptional storage capacity and recording speed ensures complete and accurate flight videos
- Solid state drives help ensure data survival in severe circumstances