

HDVR

High-Definition Data and Video Recorder

Secure and modular data and video recorder

- Up to 4 TB memory
- 6 input/1 output video, stereo audio
- NSA Type I / FIPS 140-2 encryption options
- Typical 25-year lifespan
- Tested and manufactured in-house, in AS9100/AS9110 facilities



HDVR-18



HDVR-15

KEY FEATURES

- Up to 4 TB (2 x 2 TB) memory; 100,000 mating/de-mating cycles
- Video (6 in/1 out), stereo audio (2")
- Three 10/100/1000 Mbps Ethernet ports
- MIL-STD-1553
- 2 channels of 1 Gbps fiber-based HSDN/HSVN or GbE ports
- RS-232 serial port
- Encryption: Several options to meet cybersecurity requirements
- Zeroize: manual (front-panel switch); external command over external communications circuit; discrete signal
- SWaP:
 - Size: 4.88" x 5.63" x 7.63"
 - Weight: ~ 8.5 lb
 - Power: nominal 40 W; max 75 W
- Convection cooled

EMERGING PLATFORMS

HDVR design is proposed for platforms needing significant, high-fidelity data capacity and faster R/W speeds such as the A-10, F-15, F-16 and F/A-18. Other applications include JSTARS, AWACS and advanced UAV/special-mission aircraft.

LONG-TERM AFFORDABILITY

The HDVR's modular design is easy to upgrade and maintain. Open standards and non-proprietary interfaces reduce the total cost of ownership for long-term deployments.

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