

AVR8404

Cockpit Digital Video Recorder

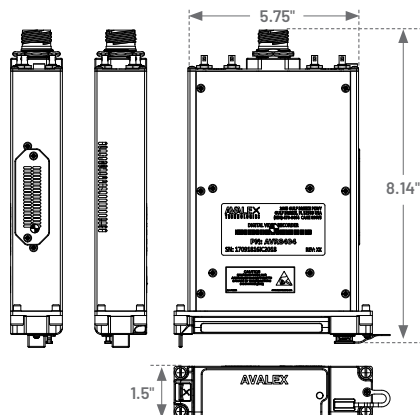
Integrate, record, review
and analyze HD and SD
aircraft cockpit video

- Multi-channel HD and SD video and audio recording
- Ethernet, CANbus, RS-232 or RS-422, discretes
- USB, SD, SSD removable memory, 54 GB internal memory
- Creates overlay status bars for integrated display
- Software to review, analyze and process video
- Rugged, DO-160 and MIL-STD-810G



Easily expand and customize mission capabilities

- | | |
|---|--|
| AVR8404
Cockpit
Digital Video
Recorder | <ul style="list-style-type: none"> ▪ Multi-channel video and audio recording ▪ High definition (HD) and standard definition (SD) ▪ Ethernet, CANbus, RS-232 or RS-422, discretes ▪ USB, SD, SSD removable memory, 54 GB internal memory ▪ Built to perform in mobile platforms in the air and on the ground; DO-160F and MIL-STD-810G qualified ▪ Advanced features provide numerous user-configurable capabilities to support demanding end-user requirements |
|---|--|
- Great choice for platform integrators requiring a flexible recording solution that can be integrated with other technology to provide remote control or autonomous operations
 - With Mission Replay Software (AMRS), handle large amounts of video and data efficiently
 - Ideal choice for enabling multi-role aircraft fleets and simplifying logistics



CONTACT US



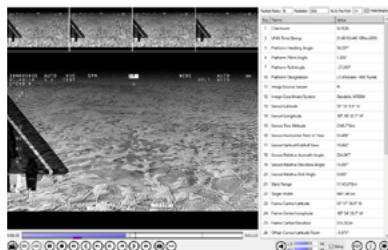
DVR On-Screen Display (OSD) Video Overlays

The DVR generates multiple horizontal status bars as on-screen overlays. These include a main status bar at the bottom of the display, a recording status bar for each record channel and a playback status bar.



DVR Client

The AVR8404 can be configured and controlled through an Ethernet Transmission Control Protocol/Internet Protocol (TCP/IP) connection using the DVR Client application.



Included with the AVR8404, the Mission Replay software provides users with tools to review, analyze and process critical information with ease.

- Video snapshot
- Export video clips
- Thumbnail previews
- Mute/unmute markers
- Event markers
- Volume control and muting
- Sensor point-of-interest (SPOI)
- Platform KLV playback
- Time synchronized
- Multi-video playback

SPECIFICATIONS

Data I/O

Discrete	3 in/1 out
Ethernet (10/100Mbps)	1 port
RS-232 or RS-422	1 port
CAN Bus	1 port

Video I/O

CVBS	4 in/1 out
SDI	2 in/1 out
Video Resolution Supported	1080i @ 25, 29.97, 30 fps 1080p @ 25, 29.97, 30, 50, 59.94, 60 fps 720p @ 25, 29.97, 30, 50, 59.94, 60 fps NTSC: 720 x 480 PAL: 720 x 576
Metadata	KLV STANAG 4609/MISB

Technical

Height	1.5" (38.1 mm)
Width	5.75" (146.1 mm)
Depth	8.14" (206.8 mm)
Weight	1.4 lb (0.635 kg)
Operating Temperature	-45°C to +71°C
Storage Temperature	-55°C to +85°C
Power Input	28 VDC
Removable Storage	SATA, SD card, USB
Internal Storage	54GB

Qualifications

DO-160F, MIL-STD-810G

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Learn more

mrccy.com/dvr



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