AVR8404 //

Video Recorder + Avalex Mission Replay Software (AMRS)

EASILY EXPAND AND CUSTOMIZE MISSION CAPABILITIES

- 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, and 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 Avalex Mission Replay Software (AMRS), handle large amounts of video and data efficiently

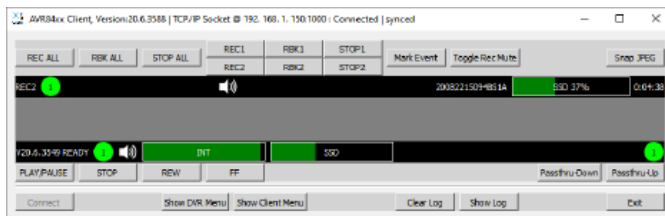**NOW INCLUDED:** AVALEX MISSION REPLAY SOFTWARE, for in-depth analysis of all mission and flight data.

AVALEX
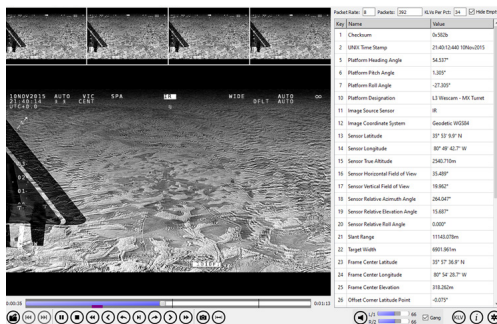### TECHNOLOGIES
FOR THE MISSION AHEAD

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 AVALEX MISSION REPLAY SOFTWARE (AMRS) 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 to +71º C
Storage Temperature	-55 to +85º C
Power Input	28 VDC
Removable Storage	SATA, SD Card, USB
Internal Storage	54GB

QUALIFICATIONS //

DO-160F, MIL-STD-810G