

# AVR8414

## Multi-Channel HD Digital Video Recorder

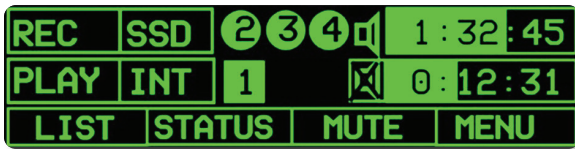


### CAPTURE EVERYTHING

- 1080p60 video recording
- Easily capture and record video imagery collected by modern intelligence-gathering platforms
- Up to five channels of simultaneous recording
- Serial, Ethernet, CANbus, Discrete interfaces
- 4 SD / 2 HD Inputs & 1 HD / 1 SD Output
- 60 GB internal memory with USB, SD, SSD removable memory
- Easily playback while recording using front-panel controls, line select keys and an intuitive interface
- NVIS-compatible OLED display
- Compact chassis designed for dzus-rail mount, simplifying installation
- DO-160G qualified



# AVR8414 Multi-Channel HD Digital Video Recorder



## RECORDING & PLAYBACK

Operator can easily monitor status of all recording sources, memory locations, audio inputs, and length of recordings. This example shows three channels of SD video being recorded to internal memory while playback is active for an HD channel.



## STORAGE

Multi-channel recording requires extensive storage capability and AVR8414 can record to removable USB drive, SD card, or SATA drive. As shown, recorded files can easily be selected for playback from DVR front panel.



## PLAYBACK TIMELINE MARKERS

Playback timeline tracks event marks, current playback position, and playback behavior in an overlay over running video (as shown). User can jog or skip between mission-critical moments - no need to watch hours of boring mission video to find five minutes of action.



## FILE LISTS

Files can be selected, organized, and deleted through OSD menu. As shown, file list can be filtered by name, date, type, and storage location. Files can also be grouped for copy or deletion using file tagging function.

## SPECIFICATIONS

### DIMENSIONS //

Display Area ..... 2.7" diagonal ..... 68.58 mm  
Height ..... 1.5" ..... 38.1 mm  
Width ..... 5.75" ..... 146.05 mm  
Depth ..... 7.02" ..... 178.3 mm  
Weight ..... 1.4 lb ..... 0.64 kg

### I/O //

Power ..... 28 VDC  
SD Video ..... 4 inputs / 1 output  
HD Video ..... 2 inputs / 1 output  
Discretes ..... 3 inputs / 1 output  
Metadata ..... KLV Stanag 4069 / MISB  
Signal Types ..... NTSC, PAL, 720p, 1080i  
1080p, Audio  
Communications ..... Ethernet, RS-232, RS-422,  
CANbus, Discretes

### CHARACTERISTICS //

Dimming ..... 5 VDC, 28 VDC, 5 VAC  
Power Draw (Max) ..... 0.5A @ 28 VDC  
NVIS ..... 7A @ 28 VDC  
Temperature ..... -45 to +71° C Operating  
-55 to +85° C Storage  
Cooling ..... Internal  
Removable Media ..... USB 2.0, SD, SATA  
Internal Memory ..... 60 GB

### QUALIFICATIONS //

Designed to meet:  
DO-160G

