

AVR8411

Single-Channel HD Cockpit Digital Video Recorder

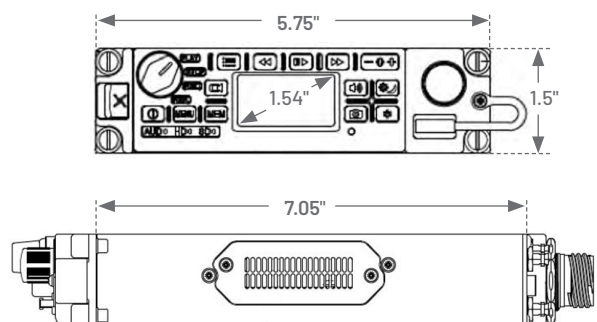
Be ready for mission capture with an HD digital video recorder

- Single-channel HD digital video recorder with OLED display
- Inputs: 4 SD, 2 HD; Output: 1 SD
- USB, SD, SSD removable memory with 60 GB internal memory
- Serial, Ethernet, CANbus, discretes
- NVIS-compatible and MIL qualified
- Field proven and dzus-mountable for simplified integration



Mark critical moments

- Up to 1080P60 video recording
- Serial, Ethernet, CANbus, discrete interfaces
- Inputs: 4 SD, 2 HD
- Output: 1 SD
- USB, SD, SSD removable memory
- 60 GB internal memory
- Playback-while-recording
- NVIS-compatible OLED display
- DO-160 qualified
- Simplified user interface
- Dzus-mountable for simplified integration
- Rugged and field proven



CONTACT US



Recording

The AVR8411 is designed to provide a wealth of video information in one place for easy monitoring. For instance, the screen shown here indicates that the recorder is recording 1080p50 HD from channel 2 to the SD card. Audio has been muted.



Information screens

A wealth of system information and configuration capability is available at the touch of a button. The dimming screen (shown here) allows both display and bezel dimming to be set. The night midpoint value of 16 shifts the dimming curve, creating the ability to finely tune the brightness levels at the bottom half of the NVIS range.

SPECIFICATIONS

Dimensions

Display Area	1.54" (39.12 mm) diagonal
Height	1.5" (38.1 mm)
Width	5.75" (146.05 mm)
Depth	7.05" (179.07 mm)
Weight	1.4 lb (0.64 kg)

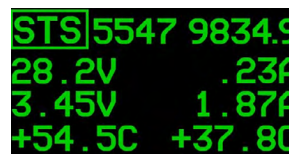
Characteristics

Max Power Draw	0.5A @ 28 VDC
NVIS	Class A
Temperature	-45°C to +71°C (operating) -55°C to +85°C (storage)
Cooling	Internal fan
Removable Media	USB 2.0, SD, SATA



Playback

The AVR8411 doesn't just record. It offers both standard playback and playback-while-record features to maximize system functionality. The screen shown here displays the system is 30 seconds into video file playback, while still recording HD from channel 2 onto the removable USB drive.



System status

System status can be monitored easily from the AVR8411 front panel as well. The page shown here provides voltage, current and temperature information; similar pages tracking memory usage, configuration settings, system logs, communication activity and signal details are also accessible through the information button.

I/O

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

Qualifications

DO-160

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Learn more

rcy.com/dvr



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