

AVR8414

Cockpit Digital Video Recorder

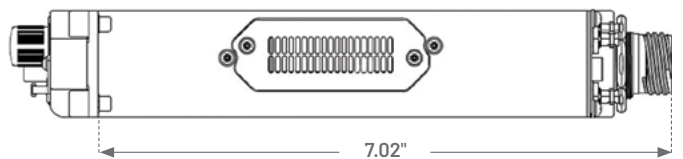
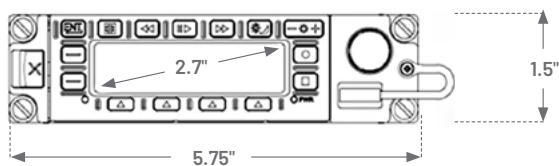
Record, store, access and playback SD and HD cockpit video

- Five channels of simultaneous 1080p60 video recording
- Serial, Ethernet, CANbus, discrete interfaces
- 4 SD/2 HD Inputs & 1 HD/1 SD Output
- 60 GB internal memory with USB, SD and SSD removable memory
- Intuitive interface, NVIS-compatible OLED display, playback timeline
- Rugged, DO-160, dzus mountable



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 mountable, simplifying installation
- DO-160G qualified



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Recording and 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.



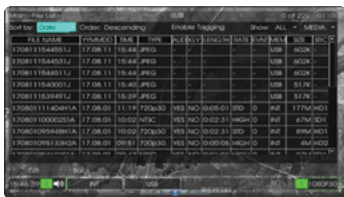
Storage

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 overrunning 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
Discrettes	3 inputs/1 output
Metadata	KLV STANAG 4069/MISB
Signal Types	NTSC, PAL, 720p, 1080i, 1080p, audio
Communications	Ethernet, RS-232, RS-422, CANbus, discrettes

Characteristics

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

Qualifications

Designed to meet:
DO-160G

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Learn more

rcy.com/dvr



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