

# ▶ Commander Recorder

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## RV-CMMD-BASE Single Channel DVR

The Rugged Video Commander was designed as a multi-purpose Airborne Recorder.

### Features

- 1080p HD Video
- Records to 4 USB Drives
- 2.4" Chroma LCD
- Full Color Logo Overlay
- Pre-Roll Video Intros
- GPS Data Logging & Text Overlay on Video
- Internal Battery Backup

### Applications

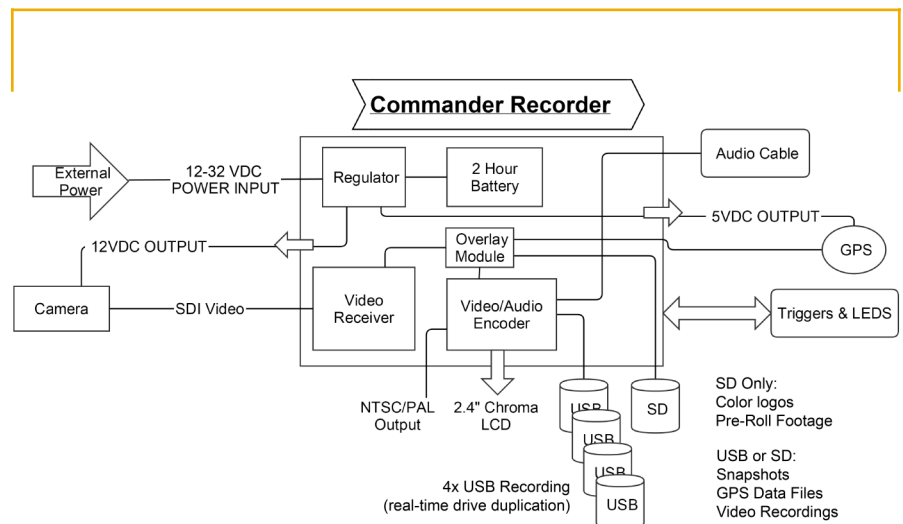
- Flight Training
- Flight Tours
- Aerial Patrol/Mapping
- Flight Testing
- Airborne Law Enforcement
- Mission Recording/Debriefing
- OEM

### Add-on Modules

- Four Channel Switcher
- Four Channel Multiplexer
- MultiLink up to Four Units
- CoPilot Control Module
- Narrator PTT Module



### ▶ FUNCTIONAL DIAGRAM



**RUGGED**  
VIDEO

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VIDEO  
OCEANIA  
Formerly Extreme VisionZ Ltd.

Rugged Video LLC  
Cedarburg, WI, USA

Phone: 262-208-8782  
E-mail: sales@ruggedvid.com  
Web: <http://ruggedvid.com>

TOP VIEW



FRONT VIEW



SIDE VIEW



REAR VIEW



ISO VIEW



# Specifications

## Video

<b>SDI Input</b>	HD-SDI—SMPTE 292M (1080p60/50, 1080i60/50, 1080p30/25, 720p60/50) SD-SDI—SMPTE 259M (576i, 480i)
<b>Recording Resolutions</b>	1080p30, 720p30, 576i, 480i
<b>Compression/Bitrate</b>	H.264 (AVC, MPEG-4 Part 10) Main Profile 500Kb/s to 12.5Mb/s AVI File Container Format
<b>Output</b>	Composite/Analog NTSC/PAL

## Audio

<b>Input/Sources</b>	External: Analog Stereo, Line Level up to 8V P-P General Aviation, Helicopter (UI74), Bose 6-Pin Microphone, AUX Jack Input, RCA Input, 1/4" Input, XLR input
<b>Compression</b>	AAC at 64Kb/s (16KHz)

## Triggers/Indicators

<b>Triggers</b>	Top Panel: Power On/Off, Record, Snapshot, Waypoint, Menu Navigation Rear Connector (Remote Mounting): Record, Snapshot, Waypoint RF Remote: Record, Snapshot, Waypoint (Optional)
<b>Indicators</b>	On Screen: Live Video, Record Status & Duration, Time, Disk Space, Battery Level. Top Indicator Panel: Power, Record, Snapshot/Waypoint, Fault, GPS Rear Connector (Remote Mounting): Record, Fault, GPS

## Display

<b>Properties</b>	2.4" Chroma LCD 400 cd/m <sup>2</sup> (nit) Anti-Glare/UV Coating
<b>Onscreen Elements</b>	Live View & Playback Status: Time/Date, Disk Space, Record Time, Battery Level, Audio Gain, Video Source, Resolution, Encoding Settings Menu: Video, Audio, OSD, Playback, Settings, Record



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Rugged Video LLC  
Cedarburg, WI, USA