

## Rugged Video High Definition Recorders

The Rugged Video line of HD video recorders are designed for aerospace and defense applications.

### Commander Recorder

- 1080p HD Video
- Records to Four USB's
- Built-in 2.4" Display
- Logo Overlay & Pre-Roll
- GPS Integration
- Expandable with Modules

### Crusader Recorder

- One, Two, Three or Four Channel Recording
- 1080p60 HD Video
- Accepts 3G-SDI, HD-SDI, SD-SDI, HDMI/DVI, or NTSC/PAL
- GPS Automation & Integration
- Built-in Audio Mixing
- WiFi Streaming
- Internal Battery Backup

### TourMaster Recorder

- Four Channel Switching
- 1080p60 HD Video
- GPS Automation & Integration
- MP3 Soundtracks & Narrations
- Built-in Audio Mixing
- WiFi Streaming
- Internal Battery Backup

## ▶ HD Recorders



**RUGGED**  
VIDEO

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# Recorder Comparison

COMMANDER



CRUSADER



TOURMASTER



RV-ONE, RV-SFOUR (LEGACY)



Recorder	Commander	Crusader	TourMaster
<b>Applications</b>	Flight Training Flight Testing Aerial Patrol Airborne Law Enforcement Flight Tours	Aerial Patrol Airborne Law Enforcement Flight Testing	Flight Tours
<b>Video Channels</b>	Single Expandable to: 2-4 Switching 2-4 Multiplexed 2-4 Linked Units	Single Expandable to: 2-4 Switching 2-4 Multiplexed 2-4 Linked Units	1-4 Switching
<b>Automation (Trigger On: Time, GPS Speed, Direction, Way- points)</b>	Optional with Switcher	Built-in Option: MP3 Audio (Narrations/Soundtracks) Camera Switching Recording Snapshots Text Overlay	
<b>Media Support</b>	Video: 4 x USB 3.0 Up to 2TB  Snap/Reroll: 1 x SD (SDHC)	Video: 1 x USB 2.0/3.0 Up to 2TB  Automation: 1 x SD (SDHC)	
<b>GPS Integration</b>	Overlay: Speed Altitude Coordinates Heading G-Force X,Y,Z (current, min, max)  Data Files: KML, GPX	Overlay: Speed Altitude Coordinates Heading  Data Files: KML, GPX	
<b>Expansion Modules</b>	Switcher Multiplexer MultiLink Stacking CoPilot Control Narrator PTT GPS RF Remote	Switcher Multiplexer MultiLink Stacking CoPilot Control Narrator PTT WiFi GPS RF Remote	Multiplexer MultiLink Stacking CoPilot Control Narrator PTT WiFi GPS RF Remote
<b>Triggers</b>	Built-in & Remote: Record Snapshot Waypoint	Built-in & Remote: Record Snapshot Waypoint	Built-in & Remote: Camera Select Record Snapshot Waypoint
<b>Power</b>	DC 5-36V (10V Required for Camera Power) 4.5W	DC 10-36V 4.25W	DC 10-36V 6.25W
<b>Dimensions/Weight</b>	4.37" x 3.04" x 1.67" 15.9oz	5.00" x 5.00" x 1.85" 22.5 oz	5.00" x 5.00" x 3.34" 31.4 oz

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