

DVR Series

TACTICAL VIDEO RECORDER



The Tactical Video Recorder (DVR) is a mil spec daylight readable display with integrated Digital Video Recorder. The DVR is capable of real-time recording and playback of high quality video. Full-frame rate video with H.264/MPEG-4 compression and embedded time stamping up to 1/100th of a second can be downloaded via USB port.

STANDARD FEATURES:

- (3) Composite Video Inputs
- (1) Composite Video Output
- SVGA Resolution (800x600)
- NTSC Video
- MIL-C Connectors*
- LED Backlight (3000:1 Dimming Ratio)
- Enhanced Sunlight Readability
- Anti-Glare and Anti-Reflective Treatments
- IP67/NEMA 6 Enclosure
- Tactile Buttons
- 10.4" and 12.1" TFT AM LCD

DVR FEATURES:

- 8 Hours Record Time (8 GB)
- Records 24-bit High Frame-rate Video (30 fps)
- H2.64/MPEG-4 Data Compression
- USB Download Port (appears as a remote HDD when connected to a PC)
- Time Stamping (1/100th of a Second)
- Video Thumbnail View File Management
- FF, RW, Pause, Play, Record, Stop Bezel Buttons
- Secure Erase

OPTIONAL FEATURES:

- Up to 32 Hours Record Time (16, 32 GB)
- PAL Video
- NVIS MIL-STD-3009 Red/Green Compatible



* - Please note cables not included.

MOUNTING OPTIONS:



Panel Mount

(shown with accessory #900000)



RAM Mount



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LCD Size	Resolution	Nits	Viewing Angle	Contrast Ratio	Maximum Power Consumption
10.4" TFT AM LCD	SVGA (800x600)	800 nits	160° (H) x 160° (V)	900:1	20 Watts
12.1" TFT AM LCD	SVGA (800x600)	550 nits	160° (H) x 140° (V)	600:1	20 Watts
Technical Specifications					
Display	8-bit color, 16,777,216 colors				
Dimming Ratio	3000:1				
Video Inputs	NTSC or PAL (B,D,G,I,K)				
Connectors*	MIL-C Connectors				
Housing	Milled AL, Black Hard Anodized				
Mounting	Panel or Ram Mount				
Wide Range DC Power Input	10-36 VDC (12,24,28 VDC nominal)				
Power Conditioning	Protected against Internal Short Circuit, Load Dump, Over Voltage and Reverse Polarity				
Digital Video Recorder (DVR) Specifications					
Max. Recording Capacity	32 hours				
Video Compression	H.264/MPEG-4				
Time Stamping	1/100th of a second				
Storage	Up to 32GB				
USB Download Port	Appears as a remote HDD when connected to a PC				
Environmental Specifications					
IP Rating	IP67 (NEMA 6 Submersible)				
Operating Temperature	-30°C to 70°C (-22°F to 158°F) - (-40°C with heater option)				
Storage Temperature	-40°C to 80°C (-40°F to 176°F)				
Humidity	0-100%				
Altitude	45,000 ft.				
Military Specifications					
MIL-STD-461	EMI				
MIL-STD-810	Method 501.4 II-Op; High Temperature				
MIL-STD-810	Method 502.4 II-Op; Low Temperature				
MIL-STD-810	Method 514.5; Procedure I, General Vibration				
MIL-STD-810	Method 516.5; Procedure I, Functional Shock				
MIL-STD-1275D	Vehicle Power Requirements				
MIL-STD-3009t	Optional NVIS Compatibility				
MIL-PRF-22885	Sunlight Readability for Push Buttons				
MIL-A-8625 Type III (Class 1 & 2)	Standard Finish				
MIL-PRF-22750F	Optional Painted Finish - Min. Qty Required				

- Please note cables not included.

- The power range specified covers momentary environmental fluctuations

generally found in a mobile environment while display is operating. For power initialization and continual operation, nominal voltages are required.