

MDR

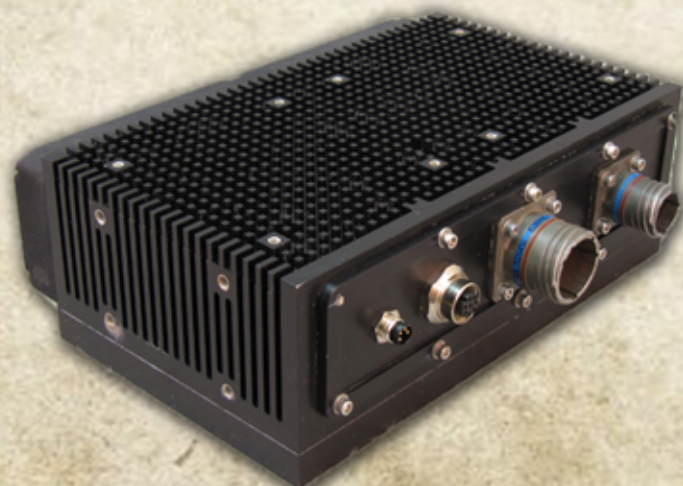
MISSION DATA RECORDER

MDR-MP

(Man Pack)

MDR-V

(Vehicular)



Specifications

Single channel composite NTSC 1 channel line-level audio
Integrated CAN (Controller Area Network) interface
Frame rate : 30 fps
Resolution: D1 (720 x 480)
Encoding: MPEG4
Voltage: 9-36 VDC
Power consumption: 12 W
Size: 6.5 x 3 x 2.25 inches
Storage 160GB SSD
Bitrate: 4Mb/s (per channel)
Control interface with GPS pendant (metadata stored)
Internal battery backed Real Time clock (GPS synchronized)
Download interface : USB port
Weight: 1.6lb (approx)
Enclosure: O-ring gasket sealed,
CNC milled, anodized and Iridited, aluminum
Temperature: -20C – 55C (passively cooled)
Shock: MIL-STD-810F (Method 516.5)
Thermal: MIL-STD-810F (Method 503.4)
Vibration: MIL-STD-810F (Method 514.5)

Specifications

Four channel composite NTSC input
1 channel line-level audio (integral matrix)
Frame rate: 30 fps
Resolution: up to D1 (720 x 480)
Encoding: MPEG 1,2,4
Voltage: 9-36 VDC
Power consumption: 31 W
Size: 8 x 6.375 x 2.75 inches
Storage 120GB internal SSD
(expandable, NAS optional)
Bitrate: 4Mb/s (per channel)
Control interface with GPS pendant (metadata stored)
Internal battery backed Real Time clock (GPS synchronized)
Download interface : Ethernet port
Weight: 6.8 lb
Enclosure: O-ring gasket sealed,
CNC milled, anodized and Iridited, aluminum
Designed to meet:
Temperature: -20C – 55C (passively cooled)
Shock: MIL-STD-810F (Method 516.5)
Thermal: MIL-STD-810F (Method 503.4)
Vibration: MIL-STD-810F (Method 514.5)

RUGGED DIGITAL VIDEO & MISSION DATA RECORDERS



RUGGED AND DURABLE SOLUTIONS

FOR MOBILE VIDEO AND DATA CAPTURE

DVR-RM

Digital Video Recorder-Rack Mountable

Engineered to provide 8 channels of Ultra Low Latency (ULL) video, the DVR-RM provides operators with a powerful video recording and management system. The DVR-RM is easily adaptable to any mobile platform and can be easily integrated into any hardware and software system.



DVR-RM provides system developers, integrators, and operators with an easy-to-use solution for mobile video data storage, retrieval and management challenges.

Capabilities

- > 8 channels of digital video recording
- > Integrated analog video matrix
- > Digital video streaming over network
- > Ultra Low Latency (Glass to Glass under 250ms)
- > Video snapshot capability
- > Configurable video parameters
- > Text Overlay (Video Stream & Snapshots)
- > Remote Operation
- > Removable Solid State Drives
- > PTZ control for steerable cameras
- > Data recording up to 10 days continuous video

Specifications

- > Size/Dimensions: 48.26 x 13.10 x 53.59 cm
- > Operating Voltage: 24VDC, 120VAC
- > Hard Drive Storage: 1.4 / 2.0 Terabytes
- > CNC-machined, anodized, aluminum case
- > 8 Serial connections for PTZ cameras
- > 8 analog BNC connections
- > 4 analog video outputs, 4 analog control outputs
- > Ethernet connection
- > Front access, USB, VGA, and video input

DVR-RP

Digital Video Recorder-Rugged Programmable

Engineered around a low power microprocessor technology, DVR-RP is a small, compact, lightweight, and transportable system. Mated to signal conditioned power and isolation circuitry, DVR-RP offers a low power consumption with a wide input power range. DVR-RP is easily adapted to virtually any mobile air, sea, or land platform.



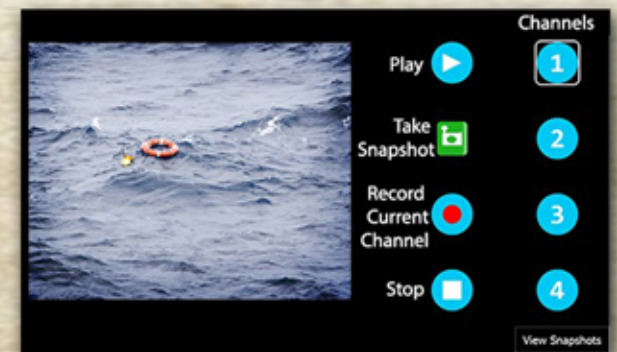
DVR-RP provides system developers, integrators, and operators, with an easy-to-use and easily installed solution to mobile data storage, retrieval and management challenges.

Capabilities

- > 4 or 8 Channels Video Recording
- > Quad Screen Recording
- > Still Image Capture
- > Direct interface to CC FLIR
- > GPS Data Input
- > Multiple control interface (HTTP, CAN, Ethernet)
- > Video Distribution with Switching (4 in x 4 out)
- > Configurable video parameters
- > Text Overlay
- > USB2.0 or Ethernet NAS storage interface
- > Software Development Kit available

Specifications

- > IP67 Rated, MIL-STD 810F
- > 14"L x 7.875"W x 4.625"H
- > 13.2 lbs
- > CNC machined aluminum, anodized, Iridited
- > O-ring sealed connections for Ethernet, USB, Deutsch
- > Operating voltage: 18VDC to 36VDC
- > Power Consumption: 24VDC 18W
- > Temperature: -20C to 70C
- > DVR-RP with RSD Compatibility Mod, NSN: 5836-01-621-4008
- > DVR-RP, NSN: 5836-01-619-5554
- > DVR-RP Wiring Harness, NSN: 5995-01-621-6020
- > DVR-RP Quick Release Mount, NSN: 5975-01-621-0858
- > DVR-RP RSD Install Kit, NSN: 7025-01-621-7141
- > DVR-RP Download Kit, NSN: 7025-01-621-4649



DVR		
	Recording Time	File Size
Channel 1	0:37	2533 KB
Channel 2	0:00	0 KB
Channel 3	0:26	294 KB
Channel 4	0:00	0 KB
Record All Channels		
Free disk space: 258848.00 MB		
Quad Record		
Time Remaining: 389628 : 37		
Stop All Channels		

