

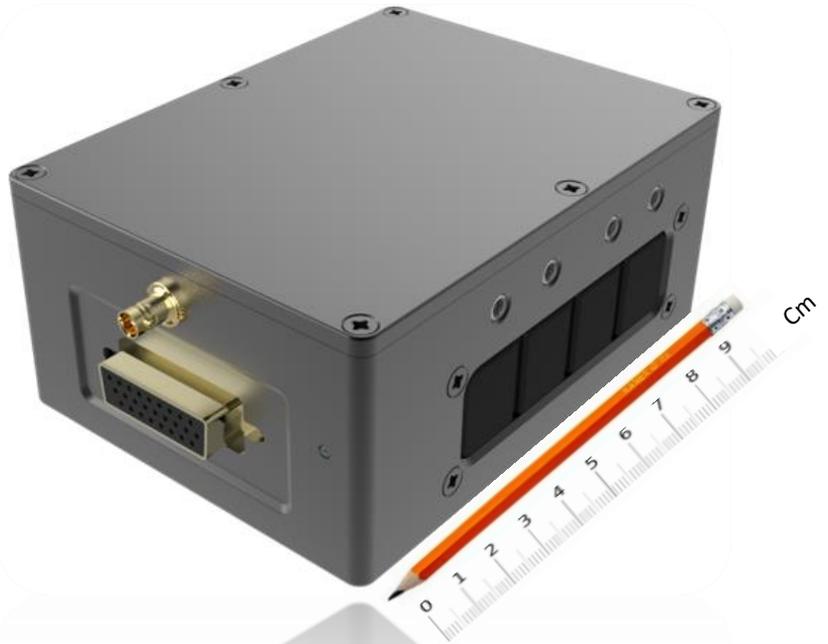
# MDVR3150

The New Lightweight 2-Ch. HD Video, Audio  
& Data Streamer & Recorder

**MILITARY DVRs**  
by Goldtec technologies Ltd.

The MDVR 3150 is a Rugged 2-Ch. HD-SDI & Analog MPEG4 H264 Mobile Digital Video Recorder by Military DVRs, leverages the power of a full-function high-end digital DVR with a compact profile.

Our Mobile DVR is compact, lightweight and operates under the most extreme operating environments.



**MDVR 3150** is a high-resolution full D1 MPEG4 H264 Digital video/audio/data recorder designed for portable and mobile applications including target acquisition & missiles telemetry. **MDVR 3150** stores 90 hours and more of video and audio on an internal 64GB solid-state drive. Playback can also be viewed during recording for real time verification of events. The video information can be downloaded to a PC via USB2 connector. The **MDVR 3150** can stream output the video via Ethernet and to an external standard video monitor.

**MDVR 3150** is designed to meet MIL-STD-810 and MIL-STD 461, and is fully water resistant. It has been qualified through military testing labs to be shock & vibration proof underground, vehicle, aerial and naval applications. Military DVRs is a business unit of Goldtec Technologies Ltd., specializing in rugged Military Digital Video and audio Recorders (DVRs), as well as other systems and equipment for naval, land and air application. Our core focus is developing, producing and marketing unique video and audio solutions for all military environments, specific applications in an efficient and costs effective manner.

# Features:

- 2 x Video Inputs
- Rugged, small and lightweight
- Real-time MPEG4, H264
- Video, Audio and Data of Target acquisition & missiles telemetry
- Long recording time
- Professional quality digital video recorder and playback
- Programmable compression ratio for quality/storage optimization
- Simultaneous recording and playback
- Normal recording as well as trigger/alarm recording
- Pre-recording capability
- Video streaming via Ethernet
- RS232, Ethernet control port
- External DC power operation 5 VDC
- Rechargeable Battery 8 hours of operation
- RS-422/485 & Ethernet Data Recording



Integration with 3<sup>rd</sup> party products:  
Target acquisition & missiles telemetry  
Command & Control, Streaming

# Technical Specification:

## Encoder/Decoder-MPEG4

Video H.264 up to 23 Mbps  
Audio MP3

## Video input

Video input format Composite video & HD-SDI  
Video standard PAL/NTSC auto Detection

## Audio

Audio input Int. Mic

## Video output

Video output format Analog composite Video, HD-SDI  
Ethernet streaming  
Video standard PAL, NTSC

## Download

Download USB2.0 to PC

## Operation Buttons

On/Off Green LED for 3 sec.  
Record Start Red LED 3 sec. blink  
Record Stop Red LED 1 sec.  
Snapshot Red led for each press  
Quality mode Toggle High/Mid/Low

## Storage Device

Internal Disk 64 Gbyte (SSD)

## General Specification

Internal battery Li-Ion rechargeable Batteries  
Power consumption 5 Watt (Nominal)  
Operation Temperature -20C to +55C  
Storage Temperature -40C to +85C  
Dimensions 98(W) X 50(L) X 45(H) mm  
Weight 500 g

## Communication

RS-422/485, Ethernet

## Environmental characteristics

According to MIL-STD-810

## Electromagnetic compliance

According to MIL-STD-461

## Supplied accessories

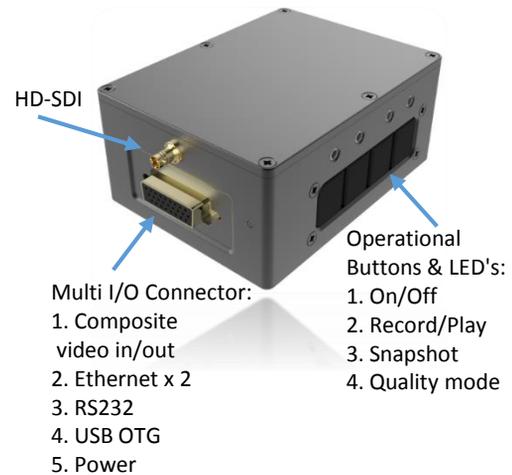
Military Harness with USB,  
2 x ETHERNET, BNC, RS232, Power  
Soft carrying case

## Optional accessories

Battery charger  
Adaptor for external power 12-32 VDC



Military connector harness



HD-SDI

Multi I/O Connector:

1. Composite video in/out
2. Ethernet x 2
3. RS232
4. USB OTG
5. Power

Operational Buttons & LED's:

1. On/Off
2. Record/Play
3. Snapshot
4. Quality mode



\* All Specifications are subject to change without prior notice.

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