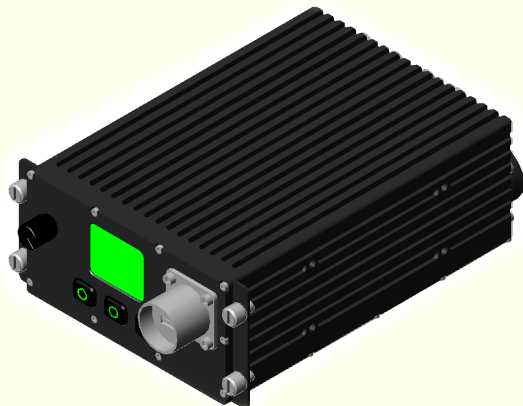


MemorEyes HD High Definition Digital Video Recorder



“Solid state digital HD video recorders - recall your vision.”

Suitability

high efficiency video compression (H.264);
fully compatible with Laserdyne’s Black Opal displays, can be used with most other displays;
will also record standard definition video;
land, sea or airborne applications;
designed to withstand vibration, shock, and extended temperature operation, EM shielded.

Recording

records to fixed internal storage, duplicating to external waterproof removable memory module;
6 hours of high quality video to internal storage, up to 6 hours duplicated to removable memory;
audio recorded with video.

I/O

video	input	High Def: SDI/HDSDI; also composite/Svideo, NTSC/ PAL.
	output	High Def: SDI/HDSDI; also composite/Svideo, NTSC/ PAL.
audio	input	3.3V _{pp} (max.);
	output	4V _{pp} (max.).

Controls

Graphic User Interface - AMOLED, rotary switch & 3 buttons for record & playback control;
Debrief, Play, Stop, Record, Record Mute;
Remote control via Black Opal display.

MemorEyes = solid-state video recording system;
HD = full High Definition recording capability.

Dimensions

width	146 mm;
height	66.7 mm;
depth	177.5 mm;
mass	1.3 kg.

File Management & Event Marking

video is presented as files of preset duration (with no loss of frames between files) for easy file retrieval, identification and management;
user initiated Event-marking sets time-based markers and creates files around events of interest.

Internal and Removable Memories

fixed internal storage medium stores up to 6 hours of video at highest quality, for download via ethernet;
waterproof removeable USB memory module duplicates up to 6 hours of video at highest quality allowing quick swap-out for mission continuity;
storage destination selectable via GUI.

Power

9 to 30Vdc input (28V nominal).

Comms

RS-232 115,200 Baud.

Mounting

4 x PFSC35 Dzus fasteners, 1 in each corner.

Options

comms	1,200 to 230.6k Baud,
memory	extra removable USB memory modules.



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