Product Summary



MemorEyes HD High Definition Digital Video Recorder



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, 3 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.



"Solid state digital HD video recorders recall your vision."

Manar£yes = solid-state video recording system; *III* = full High Definition recording capability.

Dimensionswidth146 mm;height66.7 mm;depth177.5 mm;mass1.3 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 1,200 to 230.6k Baud, comms A Division of Laserdyne Pty Ltd extra removable USB memory A.C.N. 053 743 132 memory modules. P.O. Box 6541 17 Production Ave GCMC Bundall Molendinar Queensland 9726 Queensland 4214 TECHNOLOGIES Australia Australia Tel: (07) 5594 9772 Int'l Tel: 61 7 5594 9772 Fax: (07) 5594 9981 Int'l Fax: 61 7 5594 9981 email: laserdyne@laserdyne.com.au website: www.laserdyne.com.au The information contained herein is proprietary to Laserdyne Pty Ltd. No part of this work may be reproduced or copied in any way without prior written permission of Laserdyne Pty Ltd. Note: specifications herein are subject to change without notice. Copyright. All Rights Reserved. Laserdyne Pty Ltd File: PS-ME-S-1315-B 1 Authorised: TW Rev. Date: 9.7.13 Page 1 Author(s): TW