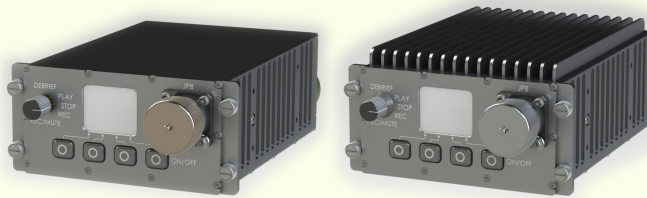


MemorEyes 3G High Definition Digital Video Recorder



“Solid state digital 3G 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;
full 3G video recording [1080p to 60Hz];
2 channel recording at 3G;
simultaneous record and playback;
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 | Std. Def: 4 x CVBS channels; 3G HD: 2 x SDI channels. |
| | output | Std. Def: 1 x CVBS channel; 3G HD: 2 x SDI channels. |
| audio | input | 3.3V _{pp} (max.); |
| | output | 4V _{pp} (max.). |

Controls

Graphic User Interface - AMOLED, rotary switch & 4 buttons for record & playback control;
Debrief, Play, Stop, Record, Record Mute;
Remote control via Black Opal display.

MemorEyes = solid-state video recording system;

3G = full 3G High Definition recording capability.

Dimensions

| | |
|--------|-----------|
| width | 146 mm; |
| height | 76.7 mm; |
| depth | 177.5 mm; |
| mass | 1.6 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 3 hours of video at highest quality allowing quick swap-out for mission continuity;
storage destination selectable via GUI.

Power

10 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. |



A Division of Laserdyne Pty Ltd
A.C.N. 053 743 132

17 Production Ave
Molendinar
Queensland 4214
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