Product Summary

Black Opal Model D9-6020 Flat Panel Display System with fHD Recorder

“The toughest most advanced flat panel displays on the planet.”

Suitability
land, sea or airborne applications;
High Definition inputs display;
multi-function capability with assignable buttons for control of external devices via comms port;
embedded recorder, SD to full HD recording;
designed to withstand vibration, shock, and
extended temperature operation, EM shielded.

Display
9” 16:9 LCD, 960 pixels x RGB x 540 lines (¼ fHD) resolution, 24 bit (16M) colour scale,
8 bit (256) grey scale.

I/O (MultiVision system)
inputs 2 SDI, and 4 CVBS inputs;
display up to 2 SDI or 4 CVBS simultaneously;
outputs 1 SDI.

Image processing
enhance function for smoke, rain, fog, etc;
freeze frame; adjustable digital zoom;
colourisation; overlay capability (chroma keying).

Recording
SD to full HD 1080p [selectable from 4 input channels]; solid state 64GB to 1TB available.

Power
20 to 33Vdc input (28V nominal).

Comms
RS-232; 9,600 to 115,200 Baud.

Mounting
4 x PFSC35 Dzus fasteners, 1 in each corner;
4 x M4 tapped holes, 8mm deep, on each side;
VESA 75 type, 4 x M4 tapped holes, 8mm deep.

Options (order qty dependant)
comms RS422;
touchscreen 5-wire resistive;
mounting customised mounting.

Dimensions
width 269 mm;
height 180 mm;
depth 83 mm;
mass < 3 kg.

Readability
LED backlight, luminance/chrominance controlled;
readable in full direct sunlight (10^5 lux) (backlight adjustable to 1,000 nit, on-axis);
readable with night vision devices (adjustable low intensity backlight, green or red selectable);
backlit buttons (adjustable, green or red selectable);
anti-reflection coated window.

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.