

# Product Summary

## *Black Opal Model RMU8HS* Flat Panel Display System




**BlackOPAL**  
FLAT PANEL DISPLAYS

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

Remote  
Monitor  
Unit  
8.4"  
High brightness  
SVGA

Dimensions	
width	254 mm;
height	200 mm;
depth	96 mm;
mass	3.25 kg.

### Suitability

land, sea or airborne applications;  
designed to withstand vibration, shock, and  
extended temperature operation, EM shielded.

### Display

8.4" 4:3 LCD, 800 pixels x RGB x 600 lines  
(SVGA) resolution, 24 bit (16M) colour scale,  
8 bit (256) grey scale.

### I/O (MultiVision system)

inputs up to 4 analogue Std Def video + 1 PC;  
display up to 2 video and 1 PC simultaneously;  
outputs 1 analogue Std Def video.

### Image processing

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

### Readability

readable in full direct sunlight ( $10^5$  lux) (LED  
backlight adjustable to 1,000 nit), on-axis;  
readable with night vision devices (adjustable low  
intensity backlight, green);  
anti-reflection coated window.

### Power

20 to 33Vdc input (28V nominal).

### Comms

RS-232, 9,600 Baud.

### Mounting

4 x PFSC35 Dzus fasteners.

### Options (order qty dependant)

comms	1,200 to 230.6k Baud for RS-232; RS-422 to 10M Baud;
sealing	hermetic (land and sea), splash & drip proof (airborne);
mounting	adjustable MilSpec bracket;
backlight	red night backlight.



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](mailto:laserdyne@laserdyne.com.au)  
website: [www.laserdyne.com.au](http://www.laserdyne.com.au)

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