

Black Opal Model RMU8HM Flat Panel Display System




BlackOPAL
FLAT PANEL DISPLAYS

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

Suitability

land, sea or airborne applications;
High Def SDI input capability;
multi-function capability with assignable buttons
for control of external devices via comms port;
designed to withstand vibration, shock, and
extended temperature operation, EM shielded.

Display

8.4" 4:3 LCD, 1,024 pixels x RGB x 768 lines
(XGA) resolution, 24 bit (16M) colour scale,
8 bit (256) grey scale.

I/O (MultiVision system)

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

Image processing

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

Remote
Monitor
Unit
8.4"
High brightness
Multi-function

Dimensions

width	237 mm;
height	203 mm;
depth	91 mm;
mass	4.1 kg.

Readability

readable in full direct sunlight (10^5 lux) (LED
backlight adjustable to 1,150 nit);
readable with night vision devices (green low
intensity adjustable backlight);
anti-reflection coated window.

Power

18 to 33Vdc input (28V nominal).

Comms

RS-232 and RS-422.

Mounting

8 threaded mounting holes 9mm deep #8-32,
4 each on top and bottom of housing.

Options (order qty dependant)

comms	RS-422 to 10 MBaud; RS-232 1,200 to 230.6 kBaud;
sealing	hermetic (land and sea), splash & drip proof (airborne).
backlight	red night backlight.



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