

Black Opal Model RMU8HX-P Flat Panel Display System




BlackOPAL
FLAT PANEL DISPLAYS

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

Suitability

land, sea or airborne applications;
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 composite video;
display up to 2 video simultaneously;
outputs 1 analogue composite video (wysiwyg).

Image processing

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

Remote
Monitor
1100 nit
8.4"
High brightness
XGA resolution –
Programme specific

Dimensions

width	237 mm;
height	203.2 mm;
depth	83 mm;
mass	< 2.6 kg.

Readability

readable in full direct sunlight (10⁵ lux) (backlight
adjustable to 1,100 nit);
readable with night vision devices (adjustable low
intensity backlight, green or red selectable);
backlit buttons (adjustable, green or red selectable);
anti-reflection coated window.

Power

18 to 33Vdc input (28V nominal).

Comms

RS-232 and RS-422.

Mounting

8 x M4 tapped holes, 8mm deep, 4 top 4 bottom.

Options (order qty dependant)

SBC	built-in single board computer with Linux OS.
sealing	hermetic (land and sea), splash & drip proof (airborne).



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