**Product Summary**

**Black Opal Model RMU8HM Flat Panel Display System**

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

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**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).

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

**Readability**
- readable in full direct sunlight (105 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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