Product Summary

Black Opal Model RMU8HX-P Flat Panel Display System

“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).

Readability
readable in full direct sunlight (10^5 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).

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

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