

Product Summary



Black Opal Xtreme Air 8 Airborne Special Flat Panel Display System



Black Opal

X^{TREME} AIR 8

with **MultiVision**

"Born to fly."

Black Opal airborne special - helicopter dedicated design, 8.4", high brightness, SVGA resolution

Dimensions	
width	219 mm;
height	184 mm;
depth	68.3 mm;
mass	< 2.00 kg.

Suitability

dedicated to use in helicopters;
reduced weight and cost;
versatile mounting options;
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, 18 bit (262k) colour scale, 8 bit (256) grey scale.

I/O (MultiVision system)

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

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 over 1,000 nit);
readable with night vision devices (green low intensity adjustable backlight);
anti-reflection coated window.

Power

20 to 33Vdc input (28V nominal).

Comms

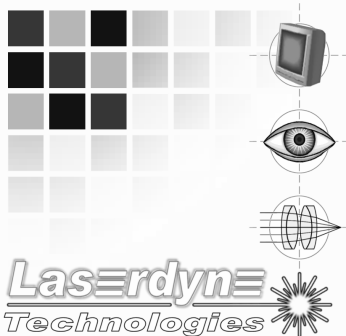
RS-422 19,200 Baud.

Mounting

panel mount 4 x 4.5mm dia. holes in corners;
side mount 4 x M4 tapped holes, 8mm deep, on each side;
rear mount VESA 75 type, 4 x M4 tapped holes, 8mm deep.

Options

comms 1,200 to 230.6k Baud for RS-232, RS-422 to 10M Baud;
backlight red night backlight.



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