

Product Summary

Black Opal Xtreme Air mini 6 Airborne Special Flat Panel Display System




BlackOPAL
FLAT PANEL DISPLAYS

XTREME
AIR ^{mini}6

“Born to fly.”

Suitability

dedicated to use in helicopters;
reduced weight and cost, very compact;
versatile mounting options;
designed to withstand vibration, shock, and
extended temperature operation, EM shielded.

Display

6.5" 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 4 low res'n + 6 high res'n + 1 SDI;
display up to 6 channels simultaneously;
outputs up to 2 SDI + 1 analogue video.

Image processing

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

*Black Opal airborne special -
helicopter dedicated design,
6.5", compact
high brightness,
XGA resolution*

Dimensions

width	170 mm;
height	145 mm;
depth	80.9 mm;
mass	1.4 kg.

Readability

readable in full direct sunlight (10⁵ lux) [backlight
adjustable to 1,000 nit max. (800 typical)];
readable with night vision devices (adjustable low
intensity backlight, green);
backlit buttons (adjustable, green);
anti-reflection coated window.

Power

18 to 33Vdc input (28V nominal).

Comms

RS-232 and RS-422.

Mounting

panel mount 4 x 4.4mm dia. holes in corners;
side mount 4 x M4 tapped holes, 6mm deep,
on each side;
rear mount VESA 75 type, 4 x M4 tapped
holes, 8mm deep.

Options (order qty dependant)

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