Product Summary

Black Opal Xtreme Air 19 Airborne Special Flat Panel Display

LaserDYNE TECHNOLOGIES

BlackOPAL FLAT PANEL DISPLAYS

XTREME AIR 19

"Born to fly."

Black Opal airborne special - helicopter dedicated design, 19", high brightness, SXGA resolution

Dimensions

width	453 mm;
height	373 mm;
depth	77.95 mm;
mass	< 7.6 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.

Readability

readable in full direct sunlight (10^5 lux) (backlight adjustable to over 1,000 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.

Display

19" 5:4 LED backlit LCD, 1,280 pixels x RGB x 1,024 lines (SXGA) resolution, 24 bit (16M) colour scale, 8 bit (256) grey scale.

Power

18 to 33Vdc input (28V nominal).

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.

Comms

RS-232 and RS-422.

Image processing

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

Mounting
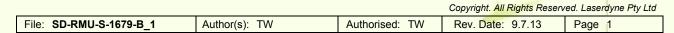
panel mount	8 x 5.5mm dia. holes, 3 per side;
side mount	2 x M6 tapped holes, 8mm deep, on each side.

Options (order qty dependant)

comms	Baud rates;
recording	internal DVR (SD) module;
SBC	Gumstix based;
touchscreen	5-wire resistive.

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