Product Summary

Black Opal Xtreme Air 12 Airborne Special Flat Panel Display

Black Opal airborne special - helicopter dedicated design.
12.1", high brightness, XGA resolution.

Display
12.1" 4:3 LED backlit LCD, 1,024 pixels x RGB x 768 lines (XGA) resolution, 18 bit (262k) colour scale, 8 bit (256) grey scale.

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);
backlight buttons (adjustable, green or red selectable);
anti-reflection coated window.

Power
18 to 33Vdc input (28V nominal).

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

Dimensions
width 293.5 mm;
height 249.1 mm;
depth 67.5 mm;
mass 3.3 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
12.1" 4:3 LED backlit LCD, 1,024 pixels x RGB x 768 lines (XGA) resolution, 18 bit (262k) colour scale, 8 bit (256) grey scale.

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);
backlight buttons (adjustable, green or red selectable);
anti-reflection coated window.

Power
18 to 33Vdc input (28V nominal).

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

Dimensions
width 293.5 mm;
height 249.1 mm;
depth 67.5 mm;
mass 3.3 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
12.1" 4:3 LED backlit LCD, 1,024 pixels x RGB x 768 lines (XGA) resolution, 18 bit (262k) colour scale, 8 bit (256) grey scale.

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);
backlight buttons (adjustable, green or red selectable);
anti-reflection coated window.

Power
18 to 33Vdc input (28V nominal).

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