

Product Summary

Black Opal Xtreme Land 12 Ground Mobile Special Flat Panel Display System



XTREME
LAND 12

“Born to drive.”

Suitability

dedicated to use in land vehicles, sealed;
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.

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 ground mobile
special -
land vehicle dedicated design,
12.1",
high brightness,
XGA resolution*

Dimensions

| | |
|--------|-----------|
| width | 293.5 mm; |
| height | 249.1 mm; |
| depth | 67.5 mm; |
| mass | 3.3 kg. |

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.

Power

18 to 33Vdc input (28V nominal).

Comms

RS-232 and RS-422.

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 (order qty dependant)

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