

Product Summary

Black Opal Xtreme Land 19 Ground Mobile Special Flat Panel Display System




BlackOPAL
FLAT PANEL DISPLAYS

X^{TREME}
LAND 19

“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

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.

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,
19",
high brightness,
SXGA resolution*

Dimensions

width	453 mm;
height	373 mm;
depth	77.95 mm;
mass	< 7.6 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 8 x 5.5mm dia. holes, 4 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.