Product Summary

Black Opal Xtreme Land 19

Ground Mobile Special

Flat Panel Display System


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

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

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).

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

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.

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Note: specifications herein are subject to change without notice.

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