

Product Summary

Black Opal Model D9-6020 Flat Panel Display System with fHD Recorder

*Black
Opal HD*



BlackOPAL

FLAT PANEL DISPLAYS

*“The toughest
most advanced
flat panel displays
on the planet.”*

D series

9" -

6020: with embedded
fHD recorder

Dimensions

width	269 mm;
height	180 mm;
depth	83 mm;
mass	< 3 kg.

Suitability

land, sea or airborne applications;
High Definition inputs display;
multi-function capability with assignable buttons
for control of external devices via comms port;
embedded recorder, SD to full HD recording;
designed to withstand vibration, shock, and
extended temperature operation, EM shielded.

Display

9" 16:9 LCD, 960 pixels x RGB x 540 lines
(¼ fHD) resolution, 24 bit (16M) colour scale,
8 bit (256) grey scale.

I/O (MultiVision system)

inputs 2 SDI, and 4 CVBS inputs;
display up to 2 SDI or 4 CVBS simultaneously;
outputs 1 SDI.

Image processing

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

Recording

SD to full HD 1080p [selectable from 4 input
channels]; solid state 64GB to 1TB available.

Readability

LED backlight, luminance/chrominance controlled;
readable in full direct sunlight (10⁵ lux) (backlight
adjustable to 1,000 nit, on-axis);
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

20 to 33Vdc input (28V nominal).

Comms

RS-232; 9,600 to 115,200 Baud.

Mounting

4 x PFSC35 Dzus fasteners, 1 in each corner;
4 x M4 tapped holes, 8mm deep, on each side;
VESA 75 type, 4 x M4 tapped holes, 8mm deep.

Options (order qty dependant)

comms	RS422;
touchscreen	5-wire resistive;
mounting	customised mounting.



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