

# Product Summary

## *Black Opal Model RMU12HX* Flat Panel Display System



**BlackOPAL**  
FLAT PANEL DISPLAYS

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

*R*emote  
*M*onitor  
*U*nit  
*12.1*”  
*H*igh brightness  
*X*GA

Dimensions	
width	350 mm;
height	261 mm;
depth	114 mm;
mass	7.2 kg.

### Suitability

land, sea or airborne applications;  
designed to withstand vibration, shock, and  
extended temperature operation, EM shielded.

### Display

12.1” 4:3 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 analogue Std Def video + 1 PC;  
display up to 2 video and 1 PC simultaneously;  
outputs 1 analogue Std Def video.

### Image processing

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

### Readability

readable in full direct sunlight ( $10^5$  lux) (LED  
backlight adjustable to 1,000 nit), on-axis;  
readable with night vision devices (adjustable low  
intensity backlight, green or red selectable);  
anti-reflection coated window.

### Power

20 to 33Vdc input (28V nominal).

### Comms

RS-232, 9,600 Baud.

### Mounting

8 x PFSC35 Dzus fasteners.

### Options (order qty dependant)

comms	1,200 to 230.6k Baud for RS-232; RS-422 to 10M Baud;
sealing	hermetic (land and sea), splash & drip proof (airborne);
mounting	adjustable MilSpec bracket.