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VMD-2101UX

21.3" Military Display with LED Backlight LCD

21.3" COLOR LCD

HIGH RESOLUTION 1600x1200

WIDE VIEWING ANGLE

SEALED, FANLESS DESIGN

DESIGNED FOR MILITARY USE

DESIGNED AND BUILT TO MEET MIL-DTL-901E, MIL-STD-810G, MIL-STD-461F

Optical Bonded AR Faceplate



SPECIFICATIONS

Display Type 21.3" Color TFT Active Matrix LCD

Native Resolution 1600 x 1200 @ 60 Hz

Viewing Angle +/- 80° All Directons

Display Colors 16.7 Million

Active Area 432.0(H) x 324.0(V) mm
16.06(H) x 12.05(V) inches

Pixel Pitch 0.270(H) x 0.270(V) mm

Luminance 400 cd/m² Typical w/ LED Backlights,
Dims to Zero

Contrast Ratio 1200:1 Typical

Response Time 15 ms Typical

Front Controls Brightness, Menu, Power, LED Adj

**Synchronization Range
Horizontal/Vertical** 31.5~80.0 kHz / 60 Hz, 75 Hz

Video Input DVI-D, VGA (HD15F), 5x BNC's

Power Voltage: 115~230 VAC
Power: 90 Watts Typical 60 Hz
Chassis Connector: IEC 320

OSD Auto, Brightness, Contrast, Clock, Phase, H-,
V-, and OSD position



ENVIRONMENTAL

Temperature Operating: 0°C to 55°C
MIL-STD-810G, Method 502/501 Proc II
Storage: -25°C to 70°C
MIL-STD-810G, Method 502/501 Proc I

Humidity Operating/Storage:
5% to 95% RH Non-condensing
MIL-STD-810G, Method 507

Altitude Operating: 0 to 15,000 ft ASL
Storage: 0 to 40,000 ft ASL
MIL-STD-810G, Method 500

Shock 40G, 11ms, 1/2-sine; Grade A

Vibration MIL-STD-810G, Method 514, Proc. I,
5-500 Hz, x=1.48, y=1.9, z=2.24 Grms, 1 hr./axis

Drip Proof MIL-STD-810G, Method 506 Proc II All Over

Fungus MIL-STD-810G, Method 508

EMI MIL-STD-461F, RE101, RE102, RS101, RS103,
CE101, CE102, CS101, CS114, CS115, CS116

Physicals Height: 15.735 inches
Width: 19.00 inches (17.24 chassis)
Depth: 3.75 inches
Weight: 22 pounds

Mounting Rack/Panel/VESA

Options Touch
28VDC Power Input
Sunlight Readable
ECDIS
Custom Mtg Configurations
w/o Handles



5155 King St.
FL. 32926 U.S.A.
321-784-4427