21.5” High Definition Panoramic Display

Key Features

- 21.5” Color Active Matrix Liquid Crystal Display
- High Resolution 1920 x 1080
- Designed and Built to Military Standards
- VGA, DVI-D, Composite Video
- Anti-Reflective Protective Window
- Wide Viewing Angle ± 178 Degrees

Model: REP-21HDW-115TV

The REP-21HDW-115TV is Epsilon Systems’ 21.5” display offering significant benefits with respect to dimensions, ruggedization and video quality. The 21HDW combines unmatched mechanical integrity with exceptionally low weight to provide a unique, rugged display solution, especially for applications where space and weight are critical.

The REP-21HDW-115TV features a 21.5” Active Matrix Liquid Crystal Display 1920 x 1080 offering excellent performance in terms of brightness, crispness, contrast and viewing angle. The bezel and mounting can be customized to address virtually any mounting need in any application. Additionally, the REP-21HDW-115TV combines this high level of performance and versatility with a very competitive price/performance value.

Epsilon Systems’ displays have been designed and qualified for application in the most hostile environments. Epsilon Systems’ rugged displays are well suited for specific naval combat, army and airborne applications.
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TECHNICAL SPECIFICATIONS
Active Display Area 21.5” TFT Active Matrix LCD
Display Resolution 1920 x 1080
LCD Technology LED Backlighting
Input Interface VGA (HD15) DVI-D, Composite Video
Brightness 250 cd/m2 (Minimum)
Viewing Angle ± 178 Degrees All Directions (Typical)
Contrast Ratio 1000:1 (Typical)
Display Colors 16M
Power Supply 115 VAC (-48 VDC option); 104 Watts (Typical)
Model Number REP-21HDW-115TV
User Controls Brightness/Dim, Power, Menu, Cursor Up/Down/Left/Right

DESIGNED TO MEET RIGOROUS MILITARY SPECIFICATIONS
MIL-STD-167-1, Type 1 Vibration
MIL-STD-810 Environmental
MIL-STD-901D Grade A, Class I, Type A Shock
MIL-STD-461E EMI/EMC

ENVIRONMENTAL SPECIFICATIONS
IP Rating IP65 Drip Proof
Operating Temperature 0°C to 50°C
Storage Temperature -20°C to +60°C
Humidity 10 to 90% @ RH Non-condensing

DIMENSIONS INCHES MILLIMETERS
Height 13.80" 351 mm
Width 23.00" 584 mm
Depth 2.90" 74 mm
Weight 20 lbs 9 kg