24” High Definition Panoramic Display

Key Features

- 24.0” Color Active Matrix Liquid Crystal Display
- High Resolution 1920 x 1200 (WUXGA)
- Remote Control
- VGA, DVI-D, HDMI, RF Tuner (NTSC), Composite, Audio
- Bonded Anti-Reflective Protective Window
- Wide Viewing Angle ± 89 Degrees
- 10U Rack Mount

Model: REP-24HDW-10U110TV

The REP-24HDW-10U110TV is Epsilon Systems’ 24” display offering significant benefits with respect to dimensions, ruggedization and video quality. The 24HDW 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-24HDW-10U110TV features a first-class 24" Active Matrix Liquid Crystal Display 1920 x 1200 (WUXGA) 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-24HDW-10U110TV 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**: 24” TFT Active Matrix LCD
  518.4 x 324.0 mm (20.41” x 12.96”)
- **Display Resolution**: 1920 x 1200 (WUXGA)
- **LCD Technology**: U-type 6 CCFTs (Cold Cathod Fluorescent Tube)
- **Input Interface**: VGA (HD15) DVI-D, HDMI, RF Tuner (NTSC), Composite, Audio (In/Out)
- **Brightness**: 400 cd/m2 (Minimum)
- **Viewing Angle**: ± 89 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-24HDW-10U110TV
- **User Controls**: Volume Up/Down, Brightness/Dim, Power, Channel Up/Down, Menu, Mode

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-461F: EMI/EMC

ENVIRONMENTAL SPECIFICATIONS

- **IP Rating**: IP65 Drip Proof
- **Operating Temperature**: 0°C to 60°C
- **Storage Temperature**: -25°C to +65°C
- **Humidity**: 5 to 95% @ RH Non-condensing

DIMENSIONS

- **Height**: 15.70” 398.7 mm
- **Width**: 21.95” 557.5 mm
- **Depth**: 4.51” 114.5 mm
- **Weight**: 28 lbs 12.7 kg