


# ID-11-H24Pw 24" Widescreen High Bright Sunlight Readable Open-Frame Display



This 24" 1920 x 1080 Full HD resolution Open-Frame Chassis Mount flat panel LCD display is very rugged and designed to be placed in a variety of industrial environments. Ideal for Integrators, OEMs, and Value Added Resellers (VAR), this rugged display satisfies a wide variety of industrial control and man-machine interface applications and is integrated with a high bright (1000 nits cd/m<sup>2</sup> / 300 nits cd/m<sup>2</sup> optional), high-contrast and extremely durable true industrial grade TFT displays. Several important factors make this model a reliable solution for integration into your product: Long-Term availability; Product steadiness; Engineered and Assembled in the USA; exceptional OEM, VAR and integrator Technical support.

## FEATURES

- ✓ 24" Very Bright Active Matrix Sunlight Readable TFT Display, 1000 nits (cd/m<sup>2</sup>)
- ✓ Optical Stack Enhancement
- ✓ Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- ✓ High-Luminance Solid-State LED-enhanced Backlighting
- ✓ Rugged Black Powder-Coated Aluminum Chassis
- ✓ A multitude of Video Inputs: HDMI, Display Port, VGA, BNC, DVI, HD-SDI
- ✓ High Contrast Ratio & Definition, Outstanding Vivid Color & Image Quality
- ✓ Wide Color Gamut
- ✓ 16.9 million colors
- ✓ Energy Efficient, Low Power Consumption
- ✓ High Environmental Performance and Reliability
- ✓ Anti-Reflective Protective Window
- ✓ 1920 x 1080 HD Resolution
- ✓ Wide Operational Temperature Range, 0°C to +50°C (32°F to +122°F) (optional extended temperature ranges available)
- ✓ RoHS Compliant
- ✓ Engineered, Fabricated and Assembled in the USA 

## Specifications

**Display Size**  
24 Inch

**Panel Type**  
TFT Active

**Aspect Ratio**  
16:9

**Pixel Format**  
1920 x 1080

**Pixel Pitch**  
.276mm

**Response Time**  
25ms

**Viewing Angle**  
V / H: 89°/89°

**Contrast Ratio**  
5000:1 Typical

**Brightness**  
1000 nits (cd/m<sup>2</sup>) Typical

**Backlight**  
50,000 hrs half life

**Colors Supported**  
16.7M

**Video Input Connector**  
HD15(F), DVI-I, BNC, 5-pin Mini Din (S-Video)

**Video Input**  
VGA - 0.7Vp-p / 75 ohm  
Composite - 1.0Vp-p / 75 ohm

**Sync**  
TTL Separate H/V  
Combined, SOG

**Power Source**  
90-264VAC Power standard  
Optional:  
9-36VDC available

**Power Consumption**  
60 Watts (max.)  
Heat Dissipation - 204 BTU/hr

**Temperature**  
Operating: 0 to 50°C (32 to 122°F)  
Storage: -20 to 60°C (-4 to 140°F)

**Humidity**  
90% (RH)

## Options

- \* 90-264VAC Power standard (Optional 12V DC, 24V DC or 9 to 36V DC)
- \* Touch Screen: **Sirius Touch**
- \* NEMA 4 or 4X (IP65/IP66) Protection
- \* 300 nits non-high bright model available, please call for details.
- \* Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- \* Extended Operational Temperature Range down to -20°C (-4°F) or -40°C (-40°F); also +55°C (+131°F)
- \* Inputs: Component Video YPbPr/SD or Component Video YCbCr; 3-wire BNC Sync-on-Green; 5-wire BNC.
- \* Impact Resistant Protective Windows