



## 12.1" XGA NEMA 12 Rack Mount LCD Monitor



This 12.1" flat panel display is a compact design to be placed in a variety of industrial and process control environments requiring a rack mount that supports VGA and XGA resolutions\* and NTSC/PAL. The display is auto sync compatible with PC's VGA/XGA video standards and satisfies a wide variety of industrial control, video camera and man-machine interface applications.

## SPECIFICATIONS

## FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Touch
- ◆ NTSC/PAL
- ◆ HD15(F)
- ◆ Sync on Green

<b>Display Size</b>	12.1 Inch
<b>Panel Type</b>	TFT Active
<b>Resolution Capabilities</b>	VGA to XGA*
<b>Pixel Format</b>	640 x 480, 800 x 600, 1024 x 768*
<b>Pixel Pitch</b>	.240mm (w) x .240mm (h)
<b>Active Display Area</b>	9.676" (w) x 7.257" (h) 245.76mm(w) x 184.32(h)
<b>Viewing Angle</b>	Left / Right: 65°/65° Up / Down: 75°/45°
<b>Contrast Ratio</b>	550:1 Typical
<b>Brightness</b>	320 Nits Typical
<b>Back Light</b>	50,000 Hours Half Life
<b>Colors Supported</b>	262,144 (6 bit)
<b>Input Connector</b>	HD15(F), RCA, Mini Din
<b>Video Input</b>	0.7V p-p / 75 ohm, Digital, NTSC/PAL
<b>Sync</b>	TTL Separate H&V, Combined, SOG
<b>Power Source</b>	12VDC @ 1.55A
<b>Optional:</b>	90-264VAC Universal 24VDC @ 0.50A
<b>Power Consumption</b>	20 Watts 4 Watts Sleep Mode
<b>Temperature</b>	Operating: 0 to 50°C Storage: -20 to 60°C

**Humidity**

Operating: 10 to 95%NC  
Storage: 10 to 95%NC

**Altitude**

Operating: up to 10,000 ft  
Storage: up to 40,000 ft

**Dimensions**

18.984" (w) x 10.468" (h)  
482.2mm x 265.9mm

**Depth**

2.125" / 54.0mm nominal

**Rear Chassis Construction**

16 gauge Stainless Steel

**Bezel Finish**

Black Powder Coat  
Cold Rolled Steel

**Touchscreen**

**Optional:**  
Resistive

**Touch Interface**

Serial

**Optional:**  
USB

**Weight**

11.2 lbs/ 5.09 kg

\*Supports all VESA standard video formats

## CONTACT

## HEADQUARTERS

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**Marks of Conformity:**

FCC47 CFR part 15, subpart B  
EMC: EN 55022:2006, EN 55024:1998, CISPR 22:2005, CISPR 24:1997

Canada: ICES-003

Australia/New Zealand: AS/NZS CISPR 22

CE

RoHS

WEEE



## OPTIONS

- Resistive or Capacitive Touch
- 90-264VAC Universal
- 24VDC @ 0.50A
- Stainless Steel
- Automatic Dimming Sensor
- Manual Full-Range Dimming
- Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity

[www.vartechsystems.com](http://www.vartechsystems.com)