



## 21.3" UXGA NEMA 12 Rack Mount LCD Monitor



This 21.3" flat panel display is designed to be placed in a variety of Industrial and Process Control environments requiring a large NEMA 12 rack mount that supports resolutions from VGA to 1600 x 1200 resolutions\* with HD15 and SOG capabilities. The display is auto sync compatible with most PC's video standards, and is adequate for a wide variety of industrial control and man-machine interface applications.

## SPECIFICATIONS

## FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ 1600 x 1200 Max. Resolution
- ◆ Left / Right: 85/85 Degrees
- ◆ Picture in Picture
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Resistive or Capacitive Touch Screen
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din

\*Supports all VESA standard video formats

## CONTACT

## HEADQUARTERS

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## Website

www.vartechsystems.com

**Display Size**

21.3 Inch

**Panel Type**

TFT Active

**Resolution Capabilities**

VGA to UXGA\*

**Pixel Format**

640x480, 800x600, 1024x768,  
1280 x 1024, 1600 x 1200\*

**Pixel Pitch**

.270 mm (w) x .270mm (h)

**Viewing Angle**

L/R: 89°/89° Up / Down: 89°/89°

**Active Display Area**

17.008" (w) x 12.756" (h)  
432.00mm x 324.00mm

**Picture in Picture**

Small Window: 3.6" (w) x 2.9" (h)  
Med. Window: 5.0 (w)" x 4.9" (h)  
Large Window: 6.5 "(w)" x 5.0" (h)

**Contrast Ratio**

800:1

**Brightness**

300 Nits Typical

**Backlight**

50,000 hrs. Half Life

**Colors Displayed**

16.8M

**Video Input**

Analog 0.7v p-p, digital  
NTSC/PAL

**Sync**

SOG, Composite, and  
Separate H&V

**Input Connector**

HD15(F), DVI-D Pin, RCA, Mini Din

**Optional:**

HD15 to 5BNC Adapter  
5BNC

**Power Source**

90-264VAC Universal

**Power Consumption**

70 Watts

**Temperature**

Operating: 0° to 50°C

Storage: -20° to 60°C

**Optional:**

Operating: -20°C or -40°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

**Outside Dimension**

22.847" (w) x 18.220" (h)

580.3mm x 488.2mm

**Depth Behind Panel**

5.525" / 140.3mm

**Stud Size & Screw Length**

10-32 x 1/2"

**Chassis Construction**

16 Gauge Stainless Steel

**Bezel Finish**

Black Powder Coat Aluminum

**Touchscreen****Optional:**

Resistive or Capacitive

**Touch Interface**

Serial

**Optional:**

USB

**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

- Capacitive or Resistive Touch
- HD15 to 5BNC Cable
- Stainless Steel
- Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- Integrated Heaters & Thermostat for extended Operational Temperature -20°C
- Transparent Thermal Heaters for -40°C Operational Temperature
- Private Label for OEM/VAR Applications
- ITO Glass for Heater or EMI
- Automatic Dimming Sensor
- Manual Full-Range Dimming