



## 21.3" UXGA NEMA 4 Panel 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 4 panel 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
- ◆ Picture in Picture
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Resistive or Capacitive Touch Screen

#### 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



\*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

Left / Right: 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

250 Nits Typical

#### Backlight

50,000 hrs. typical

#### Colors Displayed

16.8M

#### Video Input

0.7v p-p, /75 ohm digital

#### Sync

TTL Separate H&V,  
Combined SOG

#### Input Connectors

HD15(F), DVI-D  
RCA, (NTSC/PAL),  
5 Pin Mini Din (S-Video)

#### Optional:

HD15 to 5BNC Adapter

#### Power Source

90-264VAC Universal

#### Power Consumption

50 Watts @ 115VAC

8 watts sleep mode

#### 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

21.500" (w) x 18.294" (h)

546.1mm x 464.7mm

#### Cut Out Dimension

20.360" (w) x 17.154" (h)

517.1mm x 435.7mm

#### Weight

Unit: 33.4 lb(35.2 lb with touch)

Shipping: 41.2 lb(43 lb with touch)

#### Depth Behind Panel

3.498" / 88.8mm

#### Stud Size & Screw Length

10-32 x 1/2"

#### Chassis Construction

16 Gauge Stainless Steel

#### Bezel Finish

Black Powder Coated

Cold Rolled Steel

#### Optional:

NEMA 4X Stainless Steel

#### Touchscreen

#### Optional:

Resistive or Capacitive

#### Touch Interface

Serial

#### Optional:

USB

## OPTIONS

- Capacitive or Resistive Touch
- HD15 to 5BNC Cable
- Stainless Steel NEMA 4X Front Panel
- 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