



## 20.1" UXGA NEMA 1 Wall/Arm Mount Display



This 20.1" flat wall/arm display is a compact design to be placed in a variety of industrial and process control environments requiring a large NEMA 1 monitor with resolutions from VGA to UXGA\*. These displays are auto sync compatible with PC's video standards and satisfy a wide variety of industrial control and man-machine interface applications and are available in a variety of sizes.

### SPECIFICATIONS

#### FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din
- ◆ Compact Low Profile
- ◆ Picture in Picture
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Touch Systems
- ◆ 1600 x 1200 Max Resolution

**Display Size**

20.1 Inch

**Panel Type**

TFT Active

**Resolution**

VGA to UXGA\*

**Pixel Format**

640 x 480, 800 x 600, 1024 x 768  
1280 x 1024, 1600 x 1200\*

**Pixel Pitch**

.255mm (w) x .255mm (h)

**Viewing Angle**

Left / Right: 178°/178°  
Up / Down: 178°/178°

**Active Display Area**

16.170"(w) x 12.150"(h)  
410.72mm x 308.61mm

**Picture in Picture**

Small Window: 3.6" (w) x 2.9" (h)  
Med Window: 5.0" (w) x 9" (h)  
Large Window: 6.5" (w) x 5.0" (h)

**Contrast Ratio**

800:1

**Brightness**

300 Nits Typical

**Colors Supported**

16.8M

**Backlight**

50,000 Hrs Typical

**Video Input**

0.7Vp-p / 75 ohm Digital

**Sync**

TTL Separate H&V,  
Combined, SOG

**Input Connectors**

HD15(F), DVI-D Pin,  
(NTSC / PAL)  
5 PIN MINI—DIN (S-Video)

**Optional:**

HD15(M) - 5xBNC(F) Interface Cable

**Power Source**

90-264VAC Universal

**Optional:**

24VDC @ 2.8A

**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

**Outside Dimension**

19.170"(w) x 15.150"(h)  
486.92mm(w) x 384.81.4mm(h)

**Depth Behind Panel**

3.310" / 84.07mm

**Weight**

24.2 lbs / 11 kg

**Bezel Finish**

Black Powder Coat

**Touch Screen**

**Optional:**

Resistive or Capacitive

**Touch Interface**

Serial

**Optional:**

USB

\*Supports all VESA standard video formats

#### CONTACT

**HEADQUARTERS**

11529 Sun Belt Ct.  
Baton Rouge, Louisiana 70809

**Phone** 800.223.8050

**International**

001.225.298.0300

**Fax** 225.297.2440

**E-mail**

sales@vartechsystems.com

**Website**

www.vartechsystems.com

**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 5NC adapter cable
- VBOND 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