



## 20.1" UXGA NEMA 1 Tabletop LCD Display



This 20.1" tabletop display is designed to be placed in a variety of industrial and process control environments requiring a large NEMA 12 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
- ◆ Picture in Picture
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Touch Systems

#### Marks of Conformity:

Product Safety: UL60950-1/  
CSA C22.2 No. 60590-1  
(2006/95/EC, EN 60950-1:2006, IEC 60950-1:2005)  
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



\*Supports all VESA standard video formats

#### 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 of Panel (not including stand)

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

#### Depth Behind Panel

3.310" / 84.07mm

#### Bezel Finish

**NEMA 12:**  
Black Powder Coat Aluminum

#### Touch Screen

#### Optional:

Resistive or Capacitive

#### Touch Interface

Serial

Optional: USB

#### Shipping Information

Unit Weight: 26 lbs  
Boxed Unit Weight: 32lbs  
Box Size: 15x14x21  
Stand: 30 lbs  
Stand Boxed: 34 lbs  
Stand Box Size: 15x14x21

#### 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

### OPTIONS

- ◆ Capacitive Touch or Resistive Touch
- ◆ HD15 to 5NC adapter cable
- ◆ 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