



## 20.1" VBOND UXGA NEMA 1 Tabletop LCD Display



VarTech Systems unique VBOND process seals either a top cover glass or touch screen directly to the face of the display bezel. This bonding process eliminates the air-gap between the display and the cover glass, vastly reducing reflective light, which causes visual washout of the display image. VBOND also enhances structural integrity by supporting the LCD assembly with the cover glass. The bond maintains perfect display uniformity while providing shock protection and elimination of fogging caused by trapped moisture accumulating in typical air gap assemblies.

### SPECIFICATIONS

#### FEATURES

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

\*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**

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### OPTIONS

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