



## 21.3" VBOND UXGA NEMA12 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
- ◆ 1600 x 1200 Max. Resolution
- ◆ Picture-in-Picture
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Resistive Touch Screen
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din

\*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

#### 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: 85°/85°  
Up / Down: 85°/85°

#### 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

500:1

#### Brightness

250 Nits Typical

#### Backlight

50,000 hrs. Typical

#### Colors Displayed

16.7M

#### 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  
5BNC

#### 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 of Panel

(not including stand)

20.00" (w) x 16.75"(h)

508mm x 425.7mm

#### Depth Behind Panel

3.935" / 99.9mm

#### Bezel Finish

Black Powder Coat Aluminum

#### Touchscreen

**Optional:**

Resistive

#### Touch Interface

Serial or USB

## OPTIONS

- Resistive Touch
- HD15 to 5BNC 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