



## 21.3" VBOND UXGA Chassis Mount LCD Monitor



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.

### FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ VBOND enhanced LCD screen
- ◆ 30-94kHz Horizontal Scan
- ◆ 1600 x 1200 Max. Resolution
- ◆ Picture in Picture
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din (S-Video)
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Resistive and Capacitive Touch screen

\*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

### SPECIFICATIONS

**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**  
16.8M

**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  
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**  
21.500" (w) x 18.294"(h)  
546.1mm x 464.7mm

**Depth Behind Panel**  
3.498" / 88.8mm

**Weight**  
30.4 lb / 13.82 kg

**Stud Size & Screw Length**  
10-32 x 1/2"

**Chassis Construction**  
16 Gauge Stainless Steel

**Touchscreen**  
**Optional:**  
Resistive or Capacitive

**Touch Interface**  
Serial  
**Optional:**  
USB

### OPTIONS

- Capacitive or Resistive Touch
- HD15 to 5BNC 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