



## 20.1" V-BOND UXGA Chassis Mount Displays



VarTech Systems unique V-BOND 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. V-BOND 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
- ◆ V-BOND enhanced LCD screen
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din
- ◆ Compact Low Profile
- ◆ Picture in Picture
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Touch Systems

\*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

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

16.172"(w) x 12.152"(h)  
410.77mm x 308.66mm

#### 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

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

#### Bezel Outside Dimension

20.466"(w) x 16.464"(h)  
519.84mm(w) x 418.19mm(h)

#### Cut Out Dimension

19.130"(w) x 15.130"(h)  
485.90mm(w) x 384.30mm(h)

#### Depth Behind Panel

3.310" / 84.07mm

#### Stud Size & Screw Length

10-32 x .62"

#### Chassis Construction

18 gauge Stainless Steel

#### Bezel Finish

Black Powder Coat  
Cold Rolled Steel

#### Optional:

NEMA 4X Stainless Steel

#### Touch screen

#### Optional:

Resistive or Capacitive

#### Touch Interface

Serial

#### Optional:

USB

### OPTIONS

- Capacitive or Resistive Touch
- HD15 to 5NC adapter cable
- Stainless Steel NEMA 4X Front Panel
- 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

[www.vartechsystems.com](http://www.vartechsystems.com)