



## 19.0" VBOND SXGA NEMA 4 Panel Mount 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
- ◆ High Contrast Ratio
- ◆ Low Power Consumption
- ◆ Drop in Replacement for 18.1"
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Touch Systems
- ◆ VGA to SXGA

\*Supports all VESA standard video formats

### CONTACT

#### HEADQUARTERS

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#### Website

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#### Display Size

19.0 Inch

#### Panel Type

TFT Active

#### Resolution Capabilities

VGA to SXGA

#### Pixel Format

640 x 480, 800 x 600,  
1024 x 768, 1280 x 1024\*

#### Pixel Pitch

.294mm (w) x .294mm (h)

#### Viewing Angle

Left / Right: 89°/89°  
Up / Down: 89°/89°

#### Active Display Area

14.82" (w) x 11.85" (h)  
376.32mm x 301.06

#### Contrast Ratio

500:1

#### Brightness

250 Nits

#### Backlight

50,000 Hrs Typical

#### Colors Supported

16.8M

#### Video Input

Analog 0.7V p-p/ 75ohm, Digital

#### Sync

TTL Separate H&V  
Combined, SOG

#### Input Connectors

HD15(F), DVI-D Pin,  
RCA, Mini-Din (S-Video)

#### Optional:

HD15(M) to 5xBNC(F) Interface Cable

#### Power Source

90-264VAC Universal

#### Optional:

+12VDC@2.5a  
+24VDC

#### Power Consumption

35 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

#### Bezel Outside Dimension

18.98"(w) x 15.72"(h)

482.2mm x 399.3mm

#### Cutout Dimension

17.862"(w) x 14.582(h)

453.7mm x 370.4mm

#### Depth

3.25" / 82.6mm

2.88" Behind Panel

#### Chassis Construction

18 gauge Stainless Steel

#### Bezel Finish

Black Powder Coat

Cold Rolled Steel

#### Optional:

NEMA 4X Stainless Steel

#### Touchscreen

#### Optional:

Resistive or Capacitive

#### Touch Interface

Serial

#### Optional:

USB

## OPTIONS

- Capacitive Touch
- Resistive Touch
- HD15 to 5BNC 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