



## 19.0" V-BOND NEMA 4X Stainless Steel Panel Mount



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
- ◆ VBOND enhanced LCD screen
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din
- ◆ High Contrast Ratio
- ◆ Low Power Consumption
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Touch Systems
- ◆ VGA to SXGA

\*Supports all VESA standard video formats

### CONTACT

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### SPECIFICATIONS

**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,  
RCA, Mini-Din (S-Video)

**Optional:**  
HD15(M) to 5xBNC(F) Interface Cable

**Power Source**  
110/220 VAC

**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  
Storage: 10 to 95% NC

**Chassis Construction**  
18 gauge Stainless Steel

**Cutout Dimension**  
17.862"(w) x 14.582(h)  
453.7mm x 370.4mm

**Bezel Finish**  
NEMA 4X Stainless Steel

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

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

**Weight**  
23.6 lbs/ 10.73 kg

### 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

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