



## 19.0" VBOND SXGA Tabletop LCD Flat Panel 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.

### FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ VBOND enhanced LCD screen
- ◆ HD15(F), DVI-I29 Pin, RCA, Mini Din
- ◆ High Contrast Ratio
- ◆ Low Power Consumption
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Touch Systems
- ◆ VESA Compliant For Arm Mounting

\*Supports all VESA standard video formats

### CONTACT

#### HEADQUARTERS

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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

16.7M

#### Video Input

Analog 0.7V p-p/ 75ohm, Digital

#### Sync

TTL Separate H&V

Combined, SOG

#### Input Connectors

HD15(F), DVI-I29 Pin,

RCA, Mini-Din (S-Video)

#### Optional:

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

#### Power Source

90-264VAC Universal

#### 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

#### Altitude

Operating: up to 10,000 ft

Storage: up to 40,000 ft

#### Dimension

17.75" x 15.25"

450.8mm x 387.4mm

#### Bezel Finish

Black Powder Coat

Cold Rolled Steel

#### Depth

3.19" / 81mm

#### Touchscreen

#### Optional:

Resistive or Capacitive

#### Touch Interface

Serial

#### Optional:

USB

### OPTIONS

- ◆ Capacitive Touch or Resistive Touch
- ◆ +12VDC +24VDC
- ◆ 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