



## 47.0" VBOND Console WXGA 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.

## SPECIFICATIONS

### Display Size

47.0 Inch

### Panel Type

TFT Active

### Resolution Capabilities

1920x1080, 1080p

VGA to WXGA

### Pixel Format

640x480, 800x600, 1024x768,  
1280 x 1024, 1366x768, 1920x1080\*

### Pixel Pitch

.543 mm (w) x .543 mm (h)

### Viewing Angle

Horizontal: 176°

Vertical: 176°

### Active Display Area

41.05" (w) x 23.09"(h)  
1042.56 mm x 586.44 mm

### Contrast Ratio

800:1 Typical

### Brightness

620 Nits Typical

### Backlight

40,000 Hours Typical

### Colors Supported

16.7 M (8-bit color)

### Input Connectors

D-Sub 15 pins, DVI-D 24 pins, S-Video,  
Component Composite, RS-232

### Video Input

0.7Vp-p / 75 ohm, Digital  
NTSC/PAL

### Sync

TTL Separate H&V

### Power Source

100-240 VAC

### Power Consumption

300 Watts

20 Watts Sleep Mode

### Temperature

Operating: 5° to 40°C

Storage: -20° to 60°C

### Humidity

Operating: 5 to 90% NC

Storage: 5 to 95% NC

### Altitude

Operating: up to 10,000 ft.

Storage: up to 40,000 ft.

### Response Time

8ms typical

12ms maximum

### Dimensions (Actual)

### Weight (Actual)

### Standards

UL, CE, TUV, FCC Cert.

### Warranty

1 year

### Optional:

2 year

## FEATURES

- ◆ VBOND Enhanced LCD Screen
- ◆ Bright Active Matrix TFT Display
- ◆ True HDTV (1920 x 1080) resolution, 1080p
- ◆ Digital or Analog Interface
- ◆ Wide Viewing Angles
- ◆ Completely Sunlight Viewable
- ◆ 620 nits Brightness
- ◆ Multiple Video Input Selections
- ◆ Aspect Ratio: 16:9

\*Supports all VESA standard video formats

## CONTACT

### HEADQUARTERS

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## OPTIONS

- 2 year warranty (1 year warranty comes standard)

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