



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 (cd/m2) 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 (41° to 104°F)

Storage: -20° to 60°C (-4° to 140°F)

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 (cd/m2) 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)