

42.0" VBOND 1080p High Def Wall Mount Rugged LCD

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

42.0 Inch

Panel Type

TFT Active

Resolution

1920 x 1080 pixels

Input Resolution

1920 x 1080 @ 60HZ (Analog and Digital)

Frequency

Horizontal: 30K to 65KHz
Vertical: 56 ~ 75Hz

DDC

DDC 2B

OSD Control

RS232C, Push button,
IR Remote Controller

OSD Language

English

Viewing Angle

Horizontal: 176°
Vertical: 176°

Contrast Ratio

5000:1 Typical

Brightness

450 nits (cd/m2)

Colors Supported

16.7 M

Input Connectors

HDMI 1.3c x 2 /VGA

Power Source

100-240 VAC (50/60Hz) Universal

Power Consumption

Normal Operation \leq 231 W (Max.)
Stand By \leq 1 W

Temperature

Operating: 0° to 35°C (32°F to 95°F)
Storage: -20° to 60°C (-4°F to 140°F)

Humidity

Operating: 85%RH
Storage: 85%RH

Response Time

6.5ms (GTG)

Dimensions without Stand

1026mm x 619mm x 121.6mm (WxHxD)

VESA Mount

400mm x 200mm VESA

Multimedia

PIP, PBP, Zoom

Fanless Design

Yes

Source Auto Detect

Yes

Weight

Net: 22.0kg/48.5lbs., Gross:
26.0kg/57.32lbs.

Warranty

1 year

Communication Port

D-Sub 9 Pin In, RJ45 In/Out (RS232C In,
RS-485 In/Out)

Optional Touch Screen

Technology: Optical Imaging

Method: Finger, gloved hand, or any
other pointer

Reported Touch Resolution:

32767 x 32767

Response Time: 8~20ms

Interface: USB 1.1 (full speed), HID com-
pliant plug-and-play compatible

Touch Calibration: 4 point Calibration
(requires no software), Automatic land-
scape orientation

Touch Activation Force: No Pressure
Required

Operating Systems: Windows 2000/XP,
Mac OS, Linux



FEATURES

- ◆ Sunlight Readable VBOND enhanced LCD screen
- ◆ Bright Active Matrix TFT Display
- ◆ Digital or Analog Interface
- ◆ Wide Viewing Angles
- ◆ 450 nits (cd/m2) Brightness
- ◆ Multiple Video Input Selections
- ◆ Aspect Ratio: 16:9
- ◆ PIP, PBP, Zoom
- ◆ Fanless Design
- ◆ Source Auto Detect

CONTACT

HEADQUARTERS

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OPTIONS

- Protective Surface - 4mm (AG/AR), Tempered Glass
- Conformal coating to all internal system circuit boards
- Table Stand
- Audio Amplifier - In *1 or *2, Out *1
- Speakers - 10W x 2EA, 4oms / 10W+ 10W (rms)@THD<1%
- HD SDI
- Communication Port: D-Sub 9 Pin, RJ145 In/Out (Transport Protocol - RS-232, RS-485 I/O)
- Optical Imaging Touch Screen