



## 37.0" VBOND 1080p High Def Tabletop 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.

### FEATURES

- ◆ Sunlight Readable VBOND enhanced LCD screen
- ◆ Bright Active Matrix TFT Display
- ◆ Digital or Analog Interface
- ◆ Wide Viewing Angles
- ◆ 500 nits Brightness
- ◆ Multiple Video Input Selections
- ◆ Aspect Ratio: 16:9
- ◆ PIP, PAP, Zoom
- ◆ Fanless Design
- ◆ Source Auto Detect
- ◆ Optional Optical Imaging Touch Screen

### SPECIFICATIONS

**Display Size**

37.0 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**

1200:1 Typical

**Brightness**

500 Nits Typical

**Colors Supported**

16.7 M

**Input Connectors**

15 pin D-Sub, DVI, VGA, S-Video,

Component, AV

**Power Source**

100-240 VAC (50/60Hz) Universal

**Power Consumption**

Less than 210 Watts Normal Operation

Less than 38 Watts Standby Mode

Less than 38 Watts Power Off Mode

**Temperature**

Operating: 5° to 40°C (optional -20°C)

Storage: -20° to 60°C

**Humidity**

Operating: 85%RH

Storage: 85%RH

**Response Time**

6.5ms (GTG)

**Dimensions without Stand**

914mm x 555mm x 113mm (WxHxD)

**VESA Mount**

200mm x 200mm / 200mm x 600mm

**Multimedia**

PIP, PAP, Zoom

**Fanless Design**

Yes

**Source Auto Detect**

Yes

**Weight**

28kg

**Warranty**

1 year (optional 2 year)

**Optional Communication Port**

D-Sub 9 Pin, RJ145 In/Out

(Transport Protocol - RS-232, RS-485 I/O)

### CONTACT

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### OPTIONS

- Protective Surface - 4mm (AG/AR), Tempered Glass
- Conformal coating to all internal system circuit boards
- -20°C Operational Temperature
- Audio Amplifier - In \*1 or \*2, Out \*1
- Speakers - 10W x 2EA, 4oms / 10W+ 10W(rms)@THD<1%
- Communication Port: D-Sub 9 Pin, RJ145 In/Out (Transport Protocol - RS-232, RS-485 I/O)
- Optical Imaging Touch Screen