



Solutions for Demanding Applications

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 Communication Port

D-Sub 9 Pin, RJ145 In/Out

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

CONTACT

HEADQUARTERS

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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