



Solutions for Demanding Applications

47.0" VBOND Rugged VESA Mount 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**

47.0 Inch

Panel Type

TFT Active

Resolution Capabilities1920 x1080, **1080p**

VGA to WXGA, 16:9 aspect ratio

Frequency

Horizontal: 30K to 80KHz

Vertical: 56 ~ 75Hz

DDC

DDC 2B

OSD Control

RS232C, Push button,

IR Remote Controller

OSD Language

English

Input Resolution

1920 x 1080@ 60HZ (Analog and Digital)

Viewing Angle

Horizontal: 176°

Vertical: 176°

Contrast Ratio

1200:1 Typical

Brightness

500 Nits (cd/m2)

Colors Supported

16.7 M color

Input Connectors

D-Sub 15 pins, DVI, S-Video,

Component, AV, Audio(optional),

HD-SDi BNC(optional)

Communication Port

D-Sub 9 Pin, RJ145 In/Out

(Transport Protocol - RS-232,

RS-485 I/O)

Power Supply

100-240 VAC (50/60Hz)

Power Consumption

Normal Operation: less than 290W

Suspend/Standby: less than 20W

Power Off Mode: less than 20W

TemperatureOperating: 5° to 40°C (41° to 104°F)
(optional -20°C/-4°F)

Storage: -20° to 60°C (-4° to 140°F)

Humidity

Operating: 85% RH

Storage: 85% RH

Response Time

6.5ms typical

Dimensions (without stand)

1139.4mm x 684.4mm x 126.2mm

Weight (Actual)

38.7kg

Warranty

2 year

Multimedia

PIP/PAP/Zoom

Housing

Rugged Full Metal Enclosure

Mounting200mmx200mm, 200mmx600mm VESA
mounting**Optional Touch Screen****Technology:** Optical Imaging**Method:** Finger, gloved hand, or any
other pointer**Reported Touch Resolution:**

32767 x 32767

Response Time: 8~20msInterface: USB 1.1 (full speed), HID
compliant plug-and-play compatible**Touch Calibration:** 4 point Calibration
(requires no software), Automatic
landscape orientation**Touch Activation Force:** No Pressure
Required**Operating Systems:** Windows 2000/XP,
Mac OS, Linux**FEATURES**

- ◆ Sunlight Readable VBOND enhanced LCD screen
- ◆ 500 nits (cd/m2)
- ◆ Rugged, Hardened Construction
- ◆ Full Metal Enclosure
- ◆ Bright Active Matrix TFT Display
- ◆ True HDTV (1920 x 1080) resolution, 1080p
- ◆ Digital or Analog Interface
- ◆ Wide Viewing Angles
- ◆ Multiple Video Input

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OPTIONS

- Protective Surface - 4mm (AG/AR), Tempered Glass
- Conformal coating to all internal system circuit boards
- -20°C/-4°F Operational Temperature
- Table Stand
- Audio Amplifier - In *1 , Out *1
- Speakers - 10W x 2EA, 4oms / 10W+ 10W(rms)@THD<1%
- HD-SDi / SDi - In *1 , Out *1
- Optical Imaging Touch Screen

www.vartechsystems.com