



21.3" VBOND UXGA NEMA 4 Panel Mount 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

FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ VBOND enhanced LCD screen
- ◆ 1600 x 1200 Max. Resolution
- ◆ Picture in Picture
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Resistive or Capacitive Touch Screen
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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Display Size

21.3 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA to UXGA*

Pixel Format

640x480, 800x600, 1024x768,

1280 x 1024, 1600 x 1200*

Pixel Pitch

.270 mm (w) x .270mm (h)

Viewing Angle

Left / Right: 85°/85°

Up / Down: 85°/85°

Active Display Area

17.008" (w) x 12.756" (h)

432.00mm x 324.00mm

Picture in Picture

Small Window: 3.6" (w) x 2.9" (h)

Med. Window: 5.0 (w)" x 4.9" (h)

Large Window: 6.5 "(w)" x 5.0" (h)

Contrast Ratio

500:1

Brightness

250 Nits Typical

Backlight

50,000 hrs. typical

Colors Displayed

16.8M

Video Input

0.7v p-p, /75 ohm digital

Sync

TTL Separate H&V,

Combined SOG

Input Connectors

HD15(F), DVI-D

RCA, (NTSC/PAL),

5 Pin Mini Din (S-Video)

Optional:

HD15 to 5BNC Adapter

Power Source

90-264VAC Universal

Power Consumption

50 Watts @ 115VAC

8 watts sleep mode

Temperature

Operating: 0° to 50°C

Storage: -20° to 60°C

Optional:

Operating: -20°C or -40°C

Humidity

Operating: 10 to 95%NC

Storage: 10 to 95%NC

Altitude

Operating: up to 10,000 ft

Storage: up to 40,000 ft

Outside Dimension

21.500" (w) x 18.294" (h)

546.1mm x 464.7mm

Cut Out Dimension

20.360" (w) x 17.154" (h)

517.1mm x 435.7mm

Depth Behind Panel

3.498" / 88.8mm

Stud Size & Screw Length

10-32 x 1/2"

Chassis Construction

16 Gauge Stainless Steel

Bezel Finish

NEMA 4:

Black Powder Coated

Cold Rolled Steel

Optional:

NEMA 4X Stainless Steel

Touchscreen

Optional:

Resistive or Capacitive

Touch Interface

Serial

Optional:

USB

OPTIONS

- Capacitive or Resistive Touch
- HD15 to 5BNC Cable
- Stainless Steel NEMA 4X Front Panel
- Integrated Heaters & Thermostat for extended Operational Temperature -20°C
- Transparent Thermal Heaters for -40°C Operational Temperature
- Private Label for OEM/VAR Applications
- ITO Glass for Heater or EMI
- Automatic Dimming Sensor
- Manual Full-Range Dimming