



8.4" VBOND VGA NEMA 4 Panel Mount Display



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

- ◆ Bright Active Matrix TFT Display
- ◆ VBOND enhanced LCD screen
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Resistive Touch System
- ◆ HD15(F), RCA (NTSC/PAL)
- ◆ Sync on Green
- ◆ VGA to XGA*

*Supports all VESA standard video formats

CONTACT

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SPECIFICATIONS

Display Size

8.4 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA to XGA *

Pixel Format

640x480, 800x600, 1024x768*

Pixel Pitch

.16725mm

Active Display Area

6.78" (w) x 5.16" (h)

172.2mm (w) x 131.1mm (h) **Viewing**

Angle

Left / Right: 60/60 Degrees

Up / Down: 40/50 Degrees

Contrast Ratio

350:1

Brightness

300 Nits Typical

Backlight

50,000 hours Half Life

Colors Displayed

16.7M

Video Input Connector

HD15(F), RCA (NTSC/PAL)

5 Pin Mini Din (S-Video)

Optional:

HD15 to 5BNC Interface Cable

Video Input

Analog 0.7 Vp-p, NTSC/PAL

Sync

Separate V&H, Combined, SOG

Power Source

+12VDC

Optional:

90-264VAC Power Supply

24VDC @ 0.50A

Power Consumption

30 Watts

Temperature

Operating: 0° to 50°C

Storage: -20° to 60°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

Dimensions

10.624" (w) x 8.939"(h)

269.8mm x 227.1mm

Depth

2.313" / 58.7mm

Chassis Construction

16 Gauge Stainless Steel

Bezel Finish

NEMA 4

Black Powder Coat

Cold Rolled Steel

Optional NEMA 4X:

Stainless Steel

Touchscreen

Optional:

Resistive (5 wire or 8 wire)

Touch Interface

Serial

Optional:

USB

OPTIONS

- 90-264 VAC Universal Power Supply
- 24VDC @ 0.50A
- 5 Wire Resistive Touch
- 8 Wire Resistive Touch
- Stainless Steel NEMA 4X Front Panel
- Automatic Dimming Sensor
- Manual Full-Range Dimming

www.vartechsystems.com