



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 XGA Resolution Available
- ◆ Optional Resistive Touch System
- ◆ HD15(F), RCA (NTSC/PAL)

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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SPECIFICATIONS

Display Size

8.4 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA*

Pixel Format

640x480*

Pixel Pitch

.267mm

Active Display Area

6.78" (w) x 5.16" (h)

172.2mm (w) x 131.1mm (h)

Viewing Angle

Left / Right: 65/65 Degrees

Up / Down: 60/50 Degrees

Contrast Ratio

450:1

Brightness

400 Nits Typical

Backlight

50,000 hours Half Life

Colors Displayed

262,144

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 @ 1.00A

Optional:

90-264VAC Universal

24VDC @ 0.50A

Power Consumption

25 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

Touch Interface

Serial

Optional:

USB

OPTIONS

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

www.vartechsystems.com