



6.4" VBOND Panel Mount VGA NEMA 4 Flat Panel



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 or Capacitive Touch
- ◆ Optional Stainless Steel
- ◆ HD15(F), RCA (NTSC/PAL)

SPECIFICATIONS

Display Size
6.4 Inch

Panel Type
TFT Active with V-BOND

Resolution Capabilities
VGA

Pixel Format
640 x 480*

Pixel Pitch
.203mm (w) x .203mm (h)

Active Display Area
5.102"(w) x 3.836"(h)
129.6mm(w) x 97.44mm(h)

Viewing Angle
Left / Right: 50°/50°
Up / Down: 15° /35°

Contrast Ratio
400:1 Typical

Brightness
400 Nits Typical

Backlight
20,000 Hours Typical

Colors Supported
262,144

Video Input Connector
HD15(F), RCA (NTSC/PAL), S-video

Video Input
0.7Vp-p / 75 ohm, NTSC/PAL

Sync
TTL Separate H&V
Combined, SOG

Power Source
12VDC @ 1.00A
Optional:
90-264VAC Universal
24VDC @ 0.50A

Power Consumption
15 Watts
2 Watts Sleep Mode

Temperature
Operating: 0 to 50°C
Storage: -20 to 60°C

Humidity
Operating: 10 to 95% NC
Storage: 5 to 95% NC

Altitude
Operating: up to 10,000 ft
Storage: up to 40,000 ft

Bezel Finish
NEMA 4
Black Powder Coat
Cold Rolled Steel
Optional NEMA 4X:
Stainless Steel

Touchscreen
Resistive or Capacitive

Touch Interface
Serial or USB

*Supports all VESA standard video formats

CONTACT

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OPTIONS

- Touch Screen: Resistive or Capacitive
- 110/220 VAC
- 24VDC @ 0.50A Power Supply
- Stainless Steel NEMA 4X Front Panel

