



## 6.4" VBOND Stainless Steel NEMA 4X 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 Touch
- ◆ NEMA 4X Stainless Steel Bezel
- ◆ HD15(F), RCA (NTSC/PAL)

\*Supports all VESA standard video formats

### CONTACT

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### SPECIFICATIONS

#### Display Size

6.4 Inch

#### Panel Type

TFT Active

#### 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

#### Response Time

T<sub>R</sub> = 15ms typical

T<sub>F</sub> = 25ms typical

#### Chassis Construction

16 gauge Stainless Steel

#### Bezel Finish

##### NEMA 4X:

Stainless Steel

#### Touchscreen

Resistive or Capacitive

#### Touch Interface

Serial or USB



### OPTIONS

- 90-264VAC Universal
- 24VDC @ 0.50A Power Supply
- Touch Screen: Resistive or Capacitive