



## 12.1" VBOND XGA 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.

### FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ VBOND enhanced LCD screen
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Resistive Touch
- ◆ NTSC/PAL
- ◆ HD15(F)
- ◆ Sync On Green

\*Supports all VESA standard video formats

### CONTACT

#### HEADQUARTERS

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### SPECIFICATIONS

#### Display Size

12.1 Inch

#### Panel Type

TFT Active

#### Resolution Capabilities

VGA to XGA\*

#### Pixel Format

640 x 480, 800 x 600, 1024 x 768\*

#### Pixel Pitch

.240mm (w) x .240mm (h)

#### Active Display Area

9.676"(w) x 7.257"(h)

245.76mm(w) x 184.32(h)

#### Viewing Angle

Left / Right: 65°/65°

Up / Down: 75°/45°

#### Contrast Ratio

550:1 Typical

#### Brightness

320 Nits Typical

#### Back Light

50,000 Hours Half Life

#### Colors Supported

262,144 (6 bit)

#### Input Connector

HD15(F), RCA, Mini Din

#### Video Input

0.7V p-p / 75 ohm, Digital, NTSC/PAL

#### Sync

TTL Separate H&V, Combined, SOG

#### Power Source

12VDC @ 1.55A

#### Optional:

90-264VAC Universal

24VDC @ 0.50A

#### Power Consumption

20 Watts

4 Watts Sleep Mode

#### 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

15.0" (w) x 12.5" (h)

381mm x 317.5mm

#### Cut Out Dimensions

13.7" (w) x 11.25" (h)

347.98mm x 285.75mm

#### Weight

10 lbs / 4.55 kg

#### Rear Chassis Construction

16 Gauge Stainless Steel

#### Bezel Finish

Black Powder Coat

Cold Rolled Steel

#### Optional:

NEMA 4X Stainless Steel

#### Touchscreen

#### Optional:

Resistive

#### Touch Interface

Serial



### OPTIONS

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

[www.vartechsystems.com](http://www.vartechsystems.com)