



12.1" VBOND XGA NEMA 1 Wall/Arm Mount LCD



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

12.375" (w) x 9.874" (h)

314.3mm x 250.8mm

Depth

2.310" / 58.7mm

Rear Chassis Construction

16 Gauge Stainless Steel

Bezel Finish

Black Powder Coat

Cold Rolled Steel

Touchscreen

Optional:

Resistive

Touch Interface

Serial

Optional:

USB



OPTIONS

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

www.vartechsystems.com