



12.1" VBOND XGA Industrial Chassis 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

- ◆ Optically Bonded Bright Active Matrix TFT Display
- ◆ VGA to XGA (1024x768)*
- ◆ Anti-Reflective Protective Faceplate
- ◆ Easy drop-in design for use in Kiosks, Machine Automation, and Industrial Control
- ◆ Optional Resistive Touch

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

90-264VAC Universal

Optional: 12VDC @ 1.55A

Power Consumption

20 Watts

4 Watts Sleep Mode

Temperature

Operating: -10 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

Chassis Dimensions

12.21" (w) x 8.88" (h)

310.1mm(w) x 225.6mm(h)

Depth

1.85" / 47.0mm nominal

Weight

2.5 lbs / 1.12kg

Touchscreen

Optional:

Resistive

Touch Interface

Serial

Optional:

USB

*Supports all VESA standard video formats

CONTACT

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OPTIONS

- Resistive Touch
- 12VDC @ 1.55A
- Stainless Steel
- Automatic Dimming Sensor
- Manual Full-Range Dimming

www.vartechsystems.com