



6.4" VBOND Industrial VGA Chassis Mount 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.

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

90-264VAC Universal

Optional:

12VDC @ 1.00A

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

Touchscreen

Resistive or Capacitive

Touch Interface

Serial or USB



FEATURES

- ◆ Optically Bonded Bright Active Matrix TFT Display
- ◆ VGA 640 x 480*
- ◆ Anti-Reflective Protective Faceplate
- ◆ Easy drop-in design for use in Kiosks, Machine Automation, and Industrial Control
- ◆ Optional Resistive Touch

Supports all VESA standard video formats

CONTACT

HEADQUARTERS

11529 Sun Belt Ct.
Baton Rouge, Louisiana 70809

Phone 800.223.8050

International

001.225.298.0300

Fax 225.297.2440

E-mail

sales@vartechsystems.com

Website

www.vartechsystems.com

OPTIONS

- Touch Screen: Resistive or Capacitive
- 12VDC @ 1.00A Power Supply
- 24VDC @ 0.50A Power Supply
- Manual Full-Range Dimming

