



## 8.4" VBOND VGA Chassis Mount Flat Panel Dis-



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 XGA Resolution Available
- ◆ Optional Resistive Touch
- ◆ HD15(F), RCA (NTSC/PAL)

\*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

### SPECIFICATIONS

#### Display Size

8.4 Inch

#### Panel Type

TFT Active

#### Resolution Capabilities

VGA\*

#### Pixel Format

640x480\*

#### Pixel Pitch

.267mm

#### Active Display Area

6.728" (w) x 5.047" (h)  
170.9mm (w) x 128.2mm (h)

#### Viewing Angle

Left / Right: 65°/65°  
Up / Down: 60°/50°

#### Contrast Ratio

450:1

#### Brightness

400 Nits Typical

#### Backlight

50,000 hours Half Life

#### Colors Displayed

262,144

#### Video Input Connector

HD15(F), RCA (NTSC/PAL)  
5 Pin Mini Din (S-Video)

#### Optional:

HD15 to 5BNC Interface Cable

#### Video Input

Analog 0.7 Vp-p, NTSC/PAL

#### Sync

Separate V&H, Combined, SOG

#### Power Source

12VDC @ 1.00A

#### Optional:

90-264VAC Universal  
24VDC @ 0.50A

#### Power Consumption

25 Watts

#### 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

9.50" (w) x 7.88" (h)

241.3mm x 200.2mm

#### Depth

2.658" / 67.5mm

#### Chassis Construction

14 Gauge Aluminum

#### Touchscreen

##### Optional:

Resistive (5 wire or 8 wire)

#### Touch Interface

Serial

##### Optional:

USB

#### Weight

2.8 lbs/ 1.27 kg

### OPTIONS

- 90-264 VAC Universal Power Supply
- 24VDC @ 0.50A
- 5 Wire Resistive Touch
- 8 Wire Resistive Touch
- Manual Full-Range Dimming