



## 15.0" VBOND XGA Sunlight Readable Panel Mount



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

### FEATURES

- ◆ VBOND enhanced LCD screen
- ◆ Bright Active Matrix TFT Display
- ◆ XGA Native Resolution
- ◆ Compact, Low Profile
- ◆ HD15(F), Mini Din 4-way (S-Video), Composite (BNC), DVI
- ◆ Wide Viewing Angles
- ◆ Optional Resistive or Capacitive Touch

\*Supports all VESA standard video formats

### CONTACT

#### HEADQUARTERS

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#### Website

www.vartechsystems.com

#### Display Size

15.0 Inch

#### Panel Type

TFT Active

#### Optically Bonded

Yes

#### Native Resolution

XGA

#### Native Pixel Format

1024 x 768

#### Pixel Pitch

.297mm (w) x .297mm (h)

#### Active Display Area

11.973"(w) x 8.979"(h)

304.12mm( w) x 228.09mm (h)

#### Viewing Angle

LEFT/RIGHT: 80°/80°

UP/DOWN: 80°/80°

#### Contrast Ratio

500:1 Typical

#### Brightness

400 Nits Typical

#### Back Light

50,000 Hours Typical

#### Colors Supported

16.7M

#### Input Connectors

HD15(F), Mini Din 4-way (S-Video),  
Composite (BNC), DVI

#### Optional:

HD15(M) to 5xBNC(F) Interface  
Cable

#### Video Input

Analog 0.7Vp-p / 75 ohm, Digital,  
NTSC/PAL

#### Sync

TTL Separate H&V,  
Combined, SOG

#### Power Source

90-264VAC Universal

#### Optional:

12VDC@ 2.25A

#### Power Consumption

27 Watts

4 Watts Sleep Mode

#### Temperature

Operating: 0 to 50°C

Storage: -20 to 60°C

#### Optional:

Operating: -20°C or -40°C

#### Humidity

Operating: 10 to 90% NC

Storage: 5 to 95% NC

#### Altitude

Operating: up to 10,000 ft

Storage: up to 40,000 ft

#### Dimensions

16.5"(w) x 13.65"(h)

419.1mm(w) x 346.45mm(h)

#### Cut Out Dimension

15.06"(w) x 12.2"(h)

382.52mm(w) x 309.88mm(h)

#### Depth Behind Panel

2.51"/63.75mm

#### Stud Size & Screw Length

10-32 x 1/2"

#### Weight

Unit: 11.5 lbs

#### Chassis Construction

16 gauge aluminum

#### Bezel Finish

Black Powder Coat on Aluminum

#### Optional:

NEMA 4X Stainless Steel

#### Touchscreen

#### Optional:

Resistive or Capacitive

#### Touch Interface

USB

## OPTIONS

- Capacitive Touch or Resistive Touch
- HD15(M) to 5xBNC(F) Interface Cable
- Stainless Steel NEMA 4X Front Panel
- 12VDC Power Supply
- Integrated Heaters & Thermostat for extended Operational Temperature -20°C
- Transparent Thermal Heaters for -40°C Operational Temperature
- Private Label for OEM/VAR Applications
- ITO Glass for Heater or EMI
- Automatic Dimming Sensor
- Manual Full-Range Dimming
- Chemically Strengthened Bonded Overlay on Non-Touch Screen