



15.0" XGA VBOND NEMA 4 (IP65) Chassis 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

Display Size

15.0 Inch

Panel Type

TFT Active, Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity

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)

Depth Behind Panel

2.47"/62.74mm

Stud Size & Screw Length

10-32 x 1/2"

Weight

Unit: 6.5 lbs/2.95kg

Chassis Construction

14 gauge aluminum

Touchscreen

Optional:

Resistive or Capacitive

Touch Interface

USB or Serial

CONTACT

HEADQUARTERS

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OPTIONS

- Capacitive Touch or Resistive Touch
- HD15(M) to 5xBNC(F) Interface Cable
- 12VDC Power Supply
- Integrated Heaters & Thermostat for extended Operational Temperature -20°C
- Transparent Thermal Heaters for -40°C Operational Temperature
- ITO Glass for Heater or EMI
- Automatic Dimming Sensor
- Manual Full-Range Dimming
- Chemically Strengthened Bonded Overlay on Non-Touch Screen