



15.0" VBOND Intecolor Configured NEMA 12/4 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

- ◆ Bright Active Matrix TFT Display
- ◆ VBOND enhanced LCD screen
- ◆ Compact, Low Profile
- ◆ Anti-Reflective Protective Faceplate
- ◆ Configured for Intecolor Applications
- ◆ HD15(F), RCA (NTSC/PAL) & 5 Pin Mini Din (S Video)

*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

Display Size

15.0 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA to SXGA*

Native Resolution

XGA 1024 x 768

Pixel Format

640 x 480, 800 x 600,
1024 x 768, 1280 x 1024*

Pixel Pitch

.297mm

Active Display Area

12.11"(w) x 9.12"(h)
307.59mm(w) x 231.65mm(h)

Viewing Angle

Left / Right: 70/70 Degrees
Up / Down: 65/70 Degrees

Contrast Ratio

300:1 Typical

Brightness

450 Nits Typical

Back Light

50,000 Hours Half Life

Colors Supported

16.7M

Input Connector

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

Optional:

HD15 to 5BNC to Interface Cable

Video Input

Analog 0.7V p-p, NTSC/PAL

Sync

Separate H&V
Combined, SOG

Power Source

90-264VAC Universal

Optional:

12VDC

Power Consumption

35 Watts

Temperature

Operating: 0 to 50°C

Storage: -20 to 60°C

Optional:

Operating: -20°C or -40°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

Bezel Outside Dimension

17.25"(w) x 13.97"(h)

438.2mm(w) x 354.8mm(h)

Cut Out Dimension

16.00"(w) x 12.7"(h)

406.4mm(w) x 322.6mm(h)

Depth Behind Panel

2.566" / 65.2mm nominal

Stud Size & Screw Length

10-32 x 1/2"

Weight

14.8 lbs / 6.73 kg

Chassis Construction

16 gauge Stainless Steel

Bezel Finish

Black Powder Coat

Cold Rolled Steel

Optional:

NEMA 4X Stainless Steel

Touchscreen

Optional:

Resistive or Capacitive

Touch Interface

Serial

Optional:

USB

OPTIONS

- Capacitive Touch
- Resistive Touch
- HD15 to 5BNC Interface Cable
- 12VDC Power Supply
- Stainless Steel NEMA 4X Front Panel
- 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