



## 15.0" XGA DiamondVue Panel Mount



This 15.0" DiamondVue flat panel display is designed to be placed in a variety of industrial and process control environments requiring a NEMA 4 panel mount that supports VGA to XGA resolutions\* and NTSC/PAL. This display is auto sync compatible with most PC's video standards and satisfies a wide variety of industrial control and man-machine interface applications.

## SPECIFICATIONS

### FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ Compact, Low Profile
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Resistive or Capacitive Touch
- ◆ HD15(F), RCA (NTSC/PAL) & 5 Pin Mini Din (S Video)

#### Display Size

15.0 Inch

#### Panel Type

TFT Active

#### Resolution Capabilities

VGA to XGA\*

#### Pixel Format

640 x 480, 800 x 600,  
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: 70°/70°  
Up / Down: 60°/65°

#### Contrast Ratio

300:1 Typical

#### Brightness

450 Nits Typical

#### Back Light

50,000 Hours Typical

#### Colors Supported

16.2M

#### Input Connectors

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

#### 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

2.57" / 65.2mm

#### Stud Size & Screw Length

10-32 x 1/2"

#### Weight

Unit: 19 lbs / 8.62 kg

Shipping: 30 lbs / 13.64 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 or

Armor Touch (must optically bond)

#### Touch Interface

Serial or USB

\*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

- Capacitive or Resistive Touch
- Armor Touch Rugged Touch Screen (must have optical bond)
- HD15(M) to 5xBNC(F) Interface Cable
- Stainless Steel NEMA 4X Front Panel
- 12VDC Power Supply
- Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- 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