



Solutions for Demanding Applications

## 15.0" XGA DiamondVue 7U Rack 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 rack mount display with native XGA resolution. The display is auto sync compatible with most PC's video standards and satisfy a wide variety of industrial control and man-machine interface applications.

### SPECIFICATIONS

### FEATURES

- ◆ 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

**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

**Rack Bezel Dimensions**

18.984"(w) x 12.22"(h)(7U)  
482.2(w) x 310.4mm(h)

**Depth**

2.56" / 65.2mm

**Weight**

Unit: 16.2 lbs / 7.36 kg  
Shipping: 30 lbs / 13.64 kg

**Rear Chassis Construction**

16 gauge aluminum

**Bezel Finish**

Black Powder Coated Aluminum

**Touchscreen**

**Optional:**

Resistive or Capacitive

**Touch Interface**

USB or Serial

### CONTACT

**HEADQUARTERS**

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**Marks of Conformity:**

FCC47 CFR part 15, subpart B  
EMC: EN 55022:2006, EN 55024:1998, CISPR 22:2005, CISPR 24:1997  
Canada: ICES-003  
Australia/New Zealand: AS/NZS CISPR 22

CE

RoHS

WEEE



### OPTIONS

- Resistive or Capacitive Touch
- 12VDC Power Supply
- HD15(M) to 5xBNC(F) Interface Cable
- 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
- Chemically Strengthened Bonded Overlay on Non-Touch Screen
- 120 to 370 V DC