



15.0" XGA DiamondVue NEMA 4 (IP65) Chassis Mount



This 15.0" DiamondVue flat panel display is designed to be placed in a variety of industrial and process control environments requiring a chassis mount that supports VGA to native XGA resolution. 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
- ◆ 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 (1950 nits optional)

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

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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

- Capacitive Touch or Resistive Touch
- 1950 Nits Brightness
- HD15(M) to 5xBNC(F) Interface Cable
- 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
- ITO Glass for Heater or EMI
- Automatic Dimming Sensor
- Manual Full-Range Dimming
- Chemically Strengthened Bonded Overlay on Non-Touch Screen