



15.0" DiamondVue SERIES NEMA 4X Panel Mount LCD



This 15.0" Stainless Steel (316) flat panel display is designed to be placed in a variety of industrial and process control environments requiring a NEMA 4X panel mount that supports VGA to XGA resolutions*. 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
- ◆ NEMA 4X Stainless Steel (316) Bezel
- ◆ 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 (1950 nits optional)

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 95%NC

Storage: 10 to 95%NC

Altitude

Operating: up to 10,000 ft

Storage: up to 40,000 ft

Cut Out Dimension

15.06"(w) x 12.2"(h)

382.52mm(w) x 309.88mm(h)

Depth Behind Panel

2.51"/63.75mm

Stud Size & Screw Length

10-32 x 1/2"

Weight

Unit: 10.5 lbs / 4.76 kg

Chassis Construction

16 gauge aluminum

Bezel Finish

NEMA 4X:

316 Stainless Steel

Touchscreen

Optional:

Resistive or Capacitive

Touch Interface

USB

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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 or Resistive Touch
- 1950 Nits Brightness
- HD15 to 5BNC 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
- Private Label for OEM/VAR Applications
- Automatic Dimming Sensor
- Manual Full-Range Dimming
- Chemically Strengthened Bonded Overlay on Non-Touch Screen