



## 12.1" Industrial NEMA 4X Panel Mount LCD



This 12.1" Stainless Steel NEMA 4X Bezel flat panel display is a compact design to be placed in a variety of industrial and process control environments requiring a NEMA 4X panel mount SVGA (or optional XGA) resolution. The display is PC compatible with VGA video boards that satisfy a wide variety of industrial control, camera and man-machine interface solutions.

### FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ Anti-Reflective Protective Faceplate
- ◆ 400 Nits Brightness
- ◆ Wide Viewing Angles
- ◆ Optional Touch
- ◆ NEMA 4X 316 Stainless Steel Front Bezel

#### 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



### SPECIFICATIONS

#### Display Size

12.1 Inch

#### Panel Type

TFT Active

#### Resolution Capabilities

SVGA native (optional XGA native)

#### Native Pixel Format

800 x 600 (optional 1024 x 768)

#### Pixel Pitch

.3075mm (w) x .3075mm (h)

#### Active Display Area

9.69"(246mm) WIDE

7.28"(185mm) HIGH

#### Viewing Angle

Left / Right: 80°/80°

Up / Down: 80°/60°

#### Contrast Ratio

600:1 Typical

#### Brightness

400 Nits Typical

#### Back Light

50,000 Hours Half Life

#### Colors

16.7M (8 bit)

#### Video Input Connectors

DVI-D, ANALOG VGA(DB-15),  
COMPOSITE(BNC), FOUR PIN MINI-DIN, S-VIDEO

#### Video Input

0.7V p-p / 75 ohm, Digital, NTSC/PAL

#### Sync

TTL Separate H&V, Combined, SOG

#### Power Source

100-240 VAC

#### Optional:

12VDC@2.5 AMPS

#### Power Consumption

30 Watts

#### Temperature

Operating: 0 to 50°C

(optional extended temperatures)

Storage: -20 to 60°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

#### Dimensions

15.0" (w) x 12.5" (h)

381mm x 317.5mm

#### Cut Out Dimensions

13.7" (w) x 11.25" (h)

347.98mm x 285.75mm

#### Weight

12 lb/5.41kg

#### Bezel Finish

NEMA 4X 316 Stainless Steel

#### Optional:

NEMA 4 Black Powder Coat  
Cold Rolled Steel

#### Touchscreen

#### Optional:

Resistive or Capacitive

#### Touch Interface

Serial or USB

### CONTACT

#### HEADQUARTERS

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### OPTIONS

- XGA (1024 x 768) resolution
- High Bright 1000 nits
- Resistive or Capacitive Touch
- Black Powder Coat Cold Rolled Steel
- 12VDC@2.5 AMPS
- Optical Bonding (V-Bond) for added Shock & Vibration protection and/or reduced solar reflectivity
- Automatic Dimming Sensor
- Manual Full-Range Dimming
- Extended Operational Temperatures

### UNITRONIX Pty Ltd

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