



Solutions for Demanding Applications

10.4" SVGA (XGA Optional) High-Bright NEMA 4X Panel Mount LCD

This 10.4" LED Enhanced Sunlight Readable flat panel display is a compact design to be placed in a variety of industrial and process control environments requiring a High Bright NEMA 4X panel mount SVGA resolution (XGA optional) monitor being used in sunlight applications. The display is PC compatible with VGA video boards that satisfy a wide variety of industrial control, camera and man-machine interface solutions.

SPECIFICATIONS



FEATURES

- ◆ Sunlight Readable High Bright Active Matrix TFT Display
- ◆ Low-Power, high reliability Solid State LED Backlighting
- ◆ Optical Bonding (VBOND) for added Shock & Vibration protection and/or reduced solar reflectivity
- ◆ High Bright 1000 nits
- ◆ NEMA 4X 316 Stainless Steel Front Bezel
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Touch
- ◆ SVAG (XGA Optional)

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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Display Size

10.4 Inch

Panel Type

LED Enhanced Sunlight Readable Active Matrix TFT Display

Optical Stack Enhancement (OSE)

Unique optical design which boosts efficiency of the backlight's light utilization and minimizes the surface reflection of ambient light. The result is a transmissive enhancement that features higher contrast and a wider range of colors, even in bright outdoor light, than traditional reflective LCDs.

Optical Bonding

Optical Bonding (VBOND) for added Shock & Vibration protection and/or reduced solar reflectivity

Resolution Capabilities

SVGA (optional XGA)

Native Pixel Format

800x600 (optional 1024 x 768)

Pixel Pitch

.264mm

Active Display Area

211.2mm(w) x 158.4mm(h)

Viewing Angle

Left / Right: 80°/80° Degrees
Up / Down: 80°/80° Degrees

Contrast Ratio

900:1 Typical

Brightness

1000 nits, Low-Power, high reliability Solid State LED Backlighting

Colors

16.77M

Dimming Ratio

5000:1 minimum

Input Connector

DVI-D, Analog VGA (DB15), Composite (BNC), Four Pin Mini DIN (S-VIDEO)

Video Input

Analog 0.7V p-p

Sync

Separate H&V,
Combined, SOG

Power Source

12VDC

Optional:

90-264VAC Universal

24VDC or 9-36VDC

Power Consumption

15 Watts

Temperature

Operating: -10° to 50°C

(Optional Operating: -20 to 60°C)

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

Stud Size & Screw Length

10-32 x 1/2"

Dimensions

13.2" (w) x 11.2" (h)

335.3mm x 284.5mm

Cut Out Dimensions

12.086" (w) x 10.083" (h)

307.0mm x 255.6mm

Depth

2.215"/56.3mm

Bezel Finish

NEMA 4X:

316 Stainless Steel

Touchscreen

Optional:

Resistive or Capacitive

Touch Interface

Serial or USB

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

- 90-264 VAC Universal Power Supply
- 24VDC or 9-36VDC
- HD15 to 5BNC Interface Cable
- Black Powder Coated Aluminum NEMA 4 Front Panel
- Armor Touch (must be optically bonded)
- -20 to 60°C Operational Temp
- XGA resolution 1024 x 768
- Resistive or Capacitive Touch
- Manual Full-Range Dimming Turn Pot