



Solutions for Demanding Applications

10.4" SVGA (XGA Optional) High-Bright NEMA 4 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 4 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

- ◆ LED Enhanced Sunlight Readable 1000 nit Active Matrix TFT Display
- ◆ Optical Stack Enhancement
- ◆ (VBOND) for added Shock & Vibration protection and/or reduced solar reflectivity
- ◆ Advanced Deep Dimming to Black
- ◆ Anti-Reflective Protective Faceplate

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



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

Brightness

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

Colors

16.77M

Backlight

+70,000 hours

Dimming Ratio

5000:1 minimum

Response Time

18ms

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

Weight

11 lbs / 5.0 kg

Bezel Finish

NEMA 4:
Black Powder Coat
Aluminum

Optional NEMA 4X:
316 Stainless Steel

Touchscreen

Optional:

Resistive or Capacitive

Touch Interface

Serial or USB

CONTACT

HEADQUARTERS

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OPTIONS

- 90-264 VAC Universal Power Supply
- 24VDC or 9-36VDC
- Resistive or Capacitive Touch
- Stainless Steel NEMA 4X Front Panel
- Armor Touch (must be optically bonded)
- XGA (1024 x 768) resolution
- -20 to 60°C Operational Temp
- Chemically Strengthened Bonded Overlay on Non-Touch Screen
- Manual Full-Range Dimming Turn Pot