



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.



SPECIFICATIONS

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



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

11529 Sun Belt Ct.
Baton Rouge, Louisiana 70809

Phone 800.223.8050

International

001.225.298.0300

Fax 225.297.2440

E-mail

sales@vartechsystems.com

Website

www.vartechsystems.com

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
- 120 to 370 V DC