



10.4" High Bright SVGA (XGA Optional) Chassis Mount LCD Display

This 10.4" LED Enhanced Sunlight Readable flat panel display is a compact design to be placed in a variety of high ambient light environments requiring a chassis mount that supports SVGA resolution (XGA optional).

SPECIFICATIONS

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 True High Brightness, Low Power using high reliability Solid State Backlighting

Colors

16.77M

Backlight

+70,000 hours

Dimming Ratio

5000:1 minimum

Response Time

18ms

Input Connector

DVI-D, ANALOG VGA (DB-15), 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 9-36 VDC

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

Dimensions

11.188" (w) X 8.500" (h)

284.16mm (w) X 215.90mm (h)

Cut Out Dimensions

8.40" (w) X 6.30" (h)

213.31mm (w) X 160.07mm (h)

Depth

2.130"

54.10mm

Weight

4.5 lb

Touchscreen

Optional:

Resistive or Capacitive

Touch Interface

Serial or USB

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
- ◆ SVGA resolution (XGA optional)
- ◆ Anti-Reflective Protective Faceplate
- ◆ Easy drop-in design for use in Kiosks, Machine Automation, and Industrial Control
- ◆ Optional Resistive or

*Supports all VESA standard video formats

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

- 90-264 VAC Universal Power Supply
- 24VDC or 9-36VDC
- Resistive or Capacitive Touch
- Armor Touch (must be optically bonded)
- -20 to 60°C Operational Temp
- Chemically Strengthened Bonded Overlay on Non-Touch Screen
- Manual Full-Range Dimming Turn Pot

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

