



8.4" SVGA NEMA 1 High-Bright/Sunlight Readable Display



This 8.4" wall mount flat panel display is a compact design to be placed in vehicles (using an optional 9-18VDC unregulated power supply) and a variety of industrial and process control environments requiring a sunlight readable display. The display is PC compatible with VGA video boards and cameras satisfies a wide variety of video and composite applications requiring a low cost display that can be integrated into custom applications.

FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Capacitive Touch
- ◆ High Bright 1400 Nits
- ◆ VGA / SVGA 800 x 600 Resolution*
- ◆ HD15(F) and NTSC/PAL Video Input

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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SPECIFICATIONS

Display Size

8.4 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA/SVGA 800x600*

Pixel Format

640x480*, 800x600*

Pixel Pitch

.213mm

Active Display Area

6.71" (w) x 5.03" (h)

170.4mm (w) x 127.8mm (h)

Viewing Angle

Left / Right: 60°/60°

Up / Down: 45°/60°

Contrast Ratio

350:1

Brightness

1400 Nits cd/m²

Backlight Life

25000h @ max brightness

Colors Displayed

262,144

Video Input Connector

HD15(F), RCA (NTSC/PAL)

5 Pin Mini Din (S-Video)

Optional:

HD15 to 5BNC Interface Cable

Video Input

Analog 0.7 Vp-p, NTSC/PAL

Sync

TTL, Separate H&V

Power Source

+12VDC

Optional:

+24VDC

+9 to 18VDC

115/220VAC (supplied by

external brick)

Power Consumption

25 Watts

Temperature

Operating: 0° to 40°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 (without visor)

9.15" (W) x 7.50" (H)

232.41mm (W) x 190.50mm (H)

Bezel Finish

NEMA 1

Black Powder Coat

Touchscreen

Optional:

Capacitive

Touch Interface

Serial

Optional:

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



RoHS
compliant

OPTIONS

- In-Vehicle 9-18VDC unregulated
- Capacitive Touch
- Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- Automatic Dimming Sensor
- Manual Full-Range Dimming

www.vartechsystems.com