




FEATURES

- ✓ 8.4" Very Bright Active Matrix Sunlight Readable TFT Display, SVGA: 1200 nits cd/m² (optional 650 nits cd/m²) / XGA: 1000 nits cd/m² (optional 400 nits cd/m²)
- ✓ Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- ✓ High-Luminance Solid-State LED-enhanced Backlighting
- ✓ Integration of light management films
- ✓ Rugged Black Powder-Coated Aluminum Chassis
- ✓ A multitude of Video Inputs: HD15(F), DVI-D Pin, Composite BNC, Mini Din (S-video)
- ✓ High Contrast Ratio & Definition, Outstanding Vivid Color & Image Quality
- ✓ Wide Color Gamut
- ✓ 16.8 million colors
- ✓ Energy Efficient, Low Power Consumption
- ✓ High Environmental Performance and Reliability
- ✓ Anti-Reflective Protective Window
- ✓ SVGA (800x600) Resolution, Optional XGA (1024 x 768)
- ✓ Wide Operational Temperature Range, -10°C to +50°C (14°F to +122°F) (optional extended temperature ranges available)
- ✓ RoHS Compliant
- ✓ **Engineered, Fabricated and Assembled in the USA** 

This 8.4" 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 Open-Frame chassis 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 manmachine interface solutions.

Specifications

Display Size
8.4 Inch

Panel Type
TFT Active

Resolution Capabilities
SVGA*

Pixel Format
800 x 600*

Pixel Pitch
.213mm

Active Display Area
6.78"w x 5.16"h
(172.2mm x 131.1mm)

Viewing Angle
Standard SVGA:
Up/Dwn/L/R: 80°/60°/80°/80°

Contrast Ratio
600:1

Brightness
1200 Nits (cd/m²)

Backlight
50,000 hrs (CCFL)

Colors Supported
16.77 M

Video Input Connector
HD15, RCA (NTSC)
5 Pin Mini Din (S-Video)

Video Input
Analog 0.7V p-p, NTSC/PAL

Sync
Separate H/V
Combined, SOG

Power Source
1.3 Amps @ 12 volts
Optional:
90-264VAC Universal

Power Consumption
16 Watts @ 12Vdc
4 Watts Sleep Mode

Temperature
Operating: -10 to 50°C (14 to 122°F)
Storage: -20 to 60°C (-4 to 140°F)

Humidity
Operating: 10 to 95%NC
Storage: 10 to 95%NC

Altitude
Operating: up to 10,000 ft
Storage: up to 40,000 ft

Options

- * 12VDC (standard), 24V DC, 9 to 36V DC, or 90-264V AC Power
- * Touch Screen: Capacitive, Resistive Touch, **Sirius Touch**
- * NEMA 4 or 4X (IP65/IP66) Protection
- * SVGA (800x600) Resolution Standard, Optional XGA (1024 x 768)
- * Extended Operational Temperature Range down to -20°C (-4°F) or -40°C (-40°F); also +55°C (+131°F)
- * +70°C when using optional 9 to 36V DC power
- * Inputs: Component Video YPbPr/SD or Component Video YCbCr; 3-wire BNC Sync-on-Green; 5-wire BNC
- * Impact Resistant Protective Windows