



FEATURES

- ✓ 19" Very Bright Active Matrix Sunlight Readable TFT Display, 1000 nits (cd/m²)
- ✓ Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- ✓ High-Luminance Solid-State LED-enhanced Backlighting
- ✓ A multitude of Video Inputs: HD15(F), DVI-D Pin, Composite BNC, Mini Din (S-video)
- ✓ High Contrast Ratio
- ✓ Low EMI Noise
- ✓ Energy Efficient, Low Power Consumption
- ✓ High Shock and Vibration Resistance
- ✓ Anti-Reflective Protective Window
- ✓ VGA or SXGA
- ✓ Engineered, Fabricated and Assembled in the USA

This high luminance SXGA resolution 19" flat panel LED display is housed in an all aluminum open-frame chassis and was designed as a space saving low profile assembly with an easy drop-in design for use in kiosks, machine automation and industrial control applications while providing exceptional sunlight "viewability". The LCD backlight system is powered by the latest high luminance light emitting diodes (LED) and the frontal coverglass or touch screen has been optically bonded to the LCD face. These displays are auto sync compatible with various VESA video standards.

Specifications

Display Size

19 Inch

Panel Type

Optically Bonded High Luminance, LED-Enhanced TFT Active Matrix

Resolution Capabilities

SXGA

Pixel Format

1280 x 1024

Pixel Pitch

.264mm

Active Display Area

14.82" (376.3mm) x 11.85" (301.1mm) (WxH)

Viewing Angle

Left / Right: 85°/85°
Up / Down: 85°/85°

Contrast Ratio

1000:1 Typical

Brightness

1000 nits (cd/m²) Typical

Backlight

70,000 hrs half life

Colors Supported

16.8M

Video Input Connector

HD15(F), DVI-D, BNC, 5-pin Mini Din (S-Video)
Optional: HD15(M) to 5 x BNC (F) cable

Video Input

VGA - 0.7Vp-p / 75 ohm
Composite - 1.0Vp-p / 75 ohm

Sync

TTL Separate H/V
Combined, SOG

Power Source

90-264VAC Universal
Optional:
12VDC @ 2.5A

Power Consumption

35 Watts @ 115VAC, 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

Chassis Construction

Miled aluminum black powder coat

Options

- * 120 to 370VDC
- * Touch Screen: Capacitive, Resistive Touch, **Sirius Touch**
- * 316 Stainless Steel NEMA 4 or 4X (IP66) Front Panel
- * Extended Operational Temperature Range down to -20°C (-4°F) or -40°C (-40°F)
- * Automatic Dimming Sensor
- * Dimmin: Manual, Wide fluid Full-Range down to true black