



This high luminance SXGA resolution 19.0" flat panel display is an industrial grade, rugged LCD display design to be placed in a variety of high ambient light harsh conditions while providing exceptional sunlight 'viewability'. The LCD's backlight system is powered by the latest high luminance light emitting diodes (LED) and the frontal cover-glass or touch screen has been optically bonded to the LCD face. These displays are auto sync compatible with various VESA video standards and satisfy a wide variety of industrial control and man-machine interface applications. Equipped with a milled all aluminum, black powder-coated, beveled frontal bezel designed for integration into 19" wide RETMA rack cabinets.

** If a KVM extender or video amplifier is being used, please inquire about compatibility.*

FEATURES

- ✓ 19" Very Bright Active Matrix Sunlight Readable TFT Display; 1000 nits (cd/m²)
- ✓ High-Luminance Solid-State LED-enhanced Backlighting
- ✓ Mounting provisions for 19" wide rack cabinet
- ✓ Front Bezel is 9U (units) High
- ✓ Optical Bonding of Protective Window (or Touch Screen) Directly to the Front Surface of the LCD Face
- ✓ Integration of light management films
- ✓ Rugged Black Powder-Coated Aluminum Chassis
- ✓ Thermal Management Design
- ✓ IP20 Rated
- ✓ A multitude of Video Inputs: HD15(F), BNC, 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
- ✓ SXGA (1280 x 1024) Resolution
- ✓ 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** 

Specifications

Display Size

19.0

Panel Type

Optically Bonded High Luminance, LED-Enhanced TFT Active Matrix

Display

Native Resolution
SXGA (1280 x 1024)

Active Display Area

14.93"(w) x 11.96"(h)
379.1mm(w) x 303.86mm(h)

Viewing Angle

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

Contrast Ratio

1000:1

Brightness

1000 nits (cd/m²) LED Enhanced

Pixel Pitch

.264mm (w) x .264mm (h)

Colors

16.8M

Back Light

70,000 Hours Half Life

Power Consumption

35 Watts @ 115VAC
4 Watts Sleep Mode

Power Source

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

Video Input

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

Available Input Connectors

HD15(F), DVI-D, BNC, 5 Pin Mini Din (S-Video)
Optional: HD15(M) to 5xBNC(F) Interface Cable

Sync

TTL Separate H&V, Combined, SOG

Temperature

Operating: -10°C to 50°C (14° to 122°F)
Storage: -20 to 60°C (-4° to 140°F)
Optional Operating: -20°C or -40°C (-4° or -40°F)

Altitude

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

Bezel Finish

Milled Aluminum Black Powder Coat
Optional: 316 Stainless Steel

Options

Touch Screen: Resistive Touch, Capacitive Touch, or Sirius Touch

NEMA 4X (IP66) Rated Gasket-Sealed, 316 Stainless Steel Front Bezel and Rear Enclosure

90-264V AC Power standard, (optional 12VDC, 24VDC or 9-36VDC available)

Extended Operational Temperature Range down to -20°C (-4°F) or -40°C (-40°F)

Impact Resistant Protective Windows

Manual Full-Range Dimming Controls down to true black

Automatic Dimming Sensor