



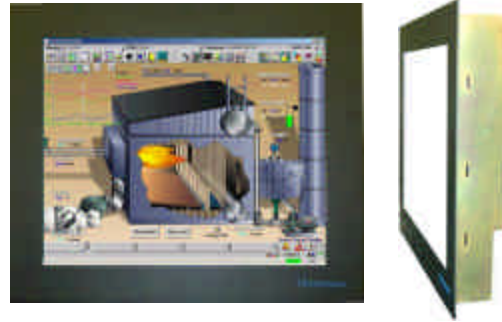
Christensen Display Products Inc

Advanced Flat Panel Technology for Industry

Product Specification

Drop in Replacement 19" Industrial LCD Monitor for A-B / Intecolor / Others

for use in Hazardous Locations



Overview

This product is a high performance industrial flat panel monitor specifically designed mechanically to drop-in to existing and legacy competitive monitor cut outs in hazardous locations where Class 1 Division 2 certification is required.

It incorporates a high performance active matrix LCD panel, an optional touchscreen, and will directly connect to any standard analog VGA video signal. It is available in many configurations.

Graphics/Video

Graphics interface via standard HD15M video cable, up to 50 feet remote from video source

Multisync to any VESA standard VGA video signal

Multiscan from 60 to 75 Hz refresh inclusive (non interlaced)

Maximum supported resolution 1280 x 1024 (native mode)

Active viewing area 19" diagonal in all modes

24 bit (16.7 million) color supported in any video mode

User screen image adjustment via rear access buttons

- Auto Adjust, 1 Step
- Brightness, Contrast
- Horizontal and Vertical Position
- Horizontal Width
- Settings stored in NVRAM, no software required

Viewing angle 160 degrees horizontal, 160 degrees vertical

Contrast Ratio 600:1

Brightness 300 nit

Response rate 15 mSec

Backlamp typical life - 50,000 hours

Touchscreen

LSX19T family incorporates the Elo Touchsystems AccuTouch 5 wire resistive system

Optional Hard Resistive front surface, scuff/abrasion resistant, non permeable

Emulates a traditional mouse, can be used concurrently with a mouse

Interface via RS-232 Serial or USB port to host computer via standard cable

Power

This product requires a regulated external power source to provide power as follows:

+12 VDC 3.2 Amps Continuous

Output Line Regulation +/- .2% or better

Output Load Regulation +/- 5% or better

Connection is via 2 position screw terminal block on the rear of the product

Mechanical

Overall front bezel size 15.7" H x 19.0" W (399mm x 483mm)
Front bezel thickness .10" (2.5 mm)
Total Depth 2.9" w/recessed cable ways (74 mm)
Rear enclosure 14.2" H x 17.6" W (361 x 448 mm)
Mounting Panel mount with 16 mounting clips
Weight 22 Pounds (10 Kg)

Drop in replacement for:

A-B VersaView® 1900
A-B VersaView® 1950
A-B VersaView® 2000M
A-B RAC 6185-D
Intecolor FP18
Xycom 5019
Xycom SXT1811
Nematron M1900

Environmental

Operating temperature 0 - 50° C ambient, no active cooling devices required
Humidity range 20 - 85% non-condensing
Storage temperature -10 - 60° C
Shock 30g 6mSec, all axes
Vibration 5 - 100 Hz, 1g, 12 m/Sec², all axes

Agency Approvals

UL and cUL Listed (ITE 1950)
CE Mark
NEMA 4/12 (front face and seals) 4X w/ 316 Stainless option
UL Listed for Hazardous Locations: Class 1, Division 2, Groups A, B, C, D Temp Code T4A

Ordering Information

Part Number	Description
LSX19-HZ-PT	19" Flat Panel Monitor, 1280 X 1024 (SXGA) Resolution, Clear Finish
LSX19-HZ-PT-A	19" Flat Panel Monitor, 1280 X 1024 (SXGA) Resolution, Antiglare Finish
LSX19T-HZ-PT-A	19" Flat Panel Monitor w/ Resistive Touchscreen, Antiglare
LSX19T-HZ-HR-PT-A	19" Flat Panel Monitor w/ Hard Resistive Touchscreen, Antiglare
LSX19-HZ-SS-PT	19" Flat Panel Monitor, 1280 X 1024 (SXGA) Resolution – 316 Stainless, Clear
LSX19-HZ-SS-PT-A	19" Flat Panel Monitor, 1280 X 1024 (SXGA) Resolution – 316 Stainless, Antiglare
LSX19T-HZ-SS-PT-A	19" Flat Panel Monitor w/ Resistive Touchscreen, – 316 Stainless Bezel
LSX19T-HZ-SS-HR-PT-A	19" Flat Panel Monitor w/ Hard Resistive Touchscreen – 316 Stainless Bezel
PS75-HZ	75 Watt DC Power Supply - DIN Rail Mount, for Hazardous Locations
VCBL10	10 Foot (3 Meter) Video Cable
SCBL10	10 Foot (3 Meter) Serial Touchscreen Cable
UCBL10	10 Foot (3 Meter) USB Touchscreen Cable

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