



Christensen Display Products Inc

Advanced Flat Panel Technology for Industry

Product Specification

Drop in Replacement 18" Industrial LCD Monitor for A-B / Intecolor / Others



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. 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 18.1" 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 170 degrees horizontal, 170 degrees vertical

Contrast Ratio 300:1

Brightness 240 nit

Response rate 15 mSec

Backlamp typical life - 50,000 hours replaceable

Touchscreen

LSX18T 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 3.8 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 5 - 90% non-condensing
Storage temperature -10 - 60° C
Shock 30g 11mSec, 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

Ordering Information

Part Number	Description
LSX18-PT	18.1" Flat Panel Monitor, 1280 X 1024 (SXGA) Resolution, Clear Finish
LSX18-PT-A	18.1" Flat Panel Monitor, 1280 X 1024 (SXGA) Resolution, Antiglare Finish
LSX18T-PT-A	18.1" Flat Panel Monitor w/ Resistive Touchscreen, Antiglare
LSX18T-HR-PT-A	18.1" Flat Panel Monitor w/ Hard Resistive Touchscreen, Antiglare
LSX18-SS-PT	18.1" Flat Panel Monitor, 1280 X 1024 (SXGA) Resolution – 316 Stainless, Clear
LSX18-SS-PT-A	18.1" Flat Panel Monitor, 1280 X 1024 (SXGA) Resolution – 316 Stainless, Antiglare
LSX18T-SS-PT-A	18.1" Flat Panel Monitor w/ Resistive Touchscreen, – 316 Stainless Bezel
LSX18T-SS-HR-PT-A	18.1" Flat Panel Monitor w/ Hard Resistive Touchscreen – 316 Stainless Bezel
PS100-LC	100 Watt DC Power Supply
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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