

display werks

quality and innovation in LCD integration

2450 Series LCD Touch Screen Monitor

Large Format Interactive LCD

Display Werks Part #2450-TU-2490WUXI-2S, Based on the NEC 2490WUXi2

- 24" LCD Touch Screen.
- Professionally Integrated SAW
(Surface Acoustic Wave) Touch Screen.
- 1920 x 1200 High Resolution.
- 16:10 Aspect Ratio
- Low Power Consumption.
- USA Service and Technical Support.
- Touch Screen Integrated within Factory Enclosure.
- 3 Year Warranty (Monitor).
- 3 Year Warranty (Touch Screen and Controller).



LCD Monitor Model: NEC 2490WUXi2

LCD Element: 24.1" Wide LCD

Max. Resolution: (pixels) 1920 x 1200

Pixel pitch: 0.27mm (H) x 0.27 (V)

Colors Supported: 16.7 Million

Display Response Time: 8 ms G-T-G (16 ms)

Viewing Angle: 178° right/left/up/down

Contrast Ratio: 1000:1

Brightness: 320 cd/m²

Power Consumption: 75 Watts

Power Requirements: AC: 100 -120 VAC / 220—240 VAC

Operating Temperature: 5°C to 35°C

Operating Humidity: 10% to 85% (no condensation)

Dimensions: inch (mm) Approx. 21.8 x 14.2 x 4.1 (553.7 x 360.7 x 104.14) with Touch Screen integrated.

Weight lbs.: (kg) Approx. 23.2 lbs (10.5) with integrated Touch Screen installed.

Input Terminals	
DVI-D	24 pin
Analogue VGA	15 Pin D-Sub
Power	AC 100-240V 50/60 Hz

*Quality and Innovation
in LCD Integration.™*

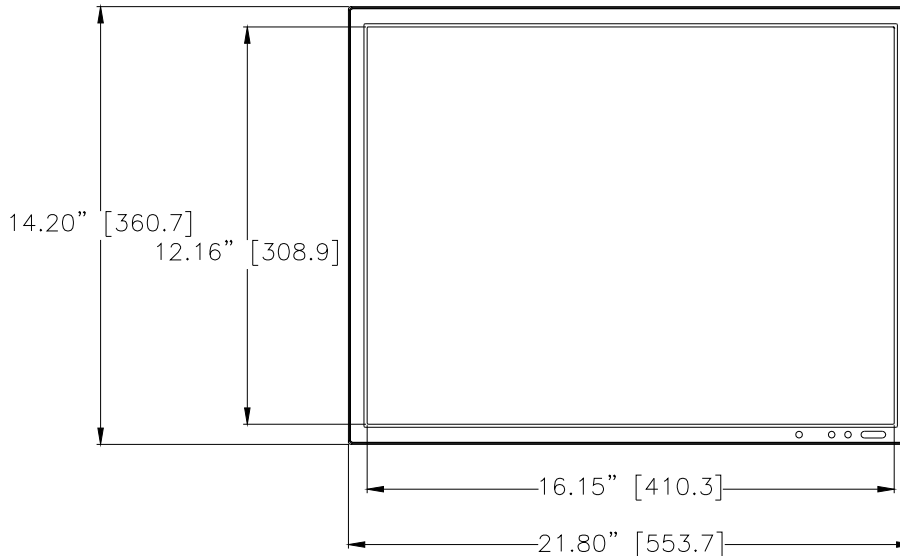


quality and innovation in LCD integration

2450 Series LCD Touch Screen Monitor

Large Format Interactive LCD

Display Werks Part #2450-TU-2490WUXI-2S, Based on the NEC 2490WUXi2



Surface Acoustic Touch Screen Specifications:

- **Total additional weight to monitor:** 4.0 lbs.
- **Construction:** Glass panel with transducers attached to the front surface of the glass substrate.
- **Positional Accuracy:** Standard deviation of error is less than 0.080 in (2.03 mm) Equates to less than 1% error on most displays.
- **Light Transmission:** Up to 92%.
- **Operating Temperature:** -20°C to 50°C
- **Touch Active Force:** Less than 3 ounces
- **Operational Altitude:** 10,000 ft Above Sea Level
- **Expected Life Performance:** No known wear-out mechanism, as there are no layers, coating, or moving parts. This SAW technology has been operationally tested to more than 50 million touches in one location without failure, using a stylus similar to a finger.
- **Total Additional Depth to NEC 2490WUXi2:** 0"

Touch screen Connector Specifications:

- **Interface:** USB 2.0 or Serial RS-232 (specify when ordering)
- **Maximum Single USB Cable Length:** 5m (16.4 ft)

Note: When using USB over distances of 5m, a USB extension system can be used.

Note: Power for the LCD monitor itself requires a connection to a 110 VAC receptacle.



NEC 2450-2490WUXI Rev 0 SAW