

display werks

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3250 Series LCD Touch Screen Monitor

Large Format Interactive LCD

Display Werks Part #3250-TU-320MP2-4SC, Based on the Samsung 320MP-2 and
Display Werks Part #3250-TU-320MXN2-4SC, Based on the Samsung 320MXn-2

- 32" LCD Touch Screen.
- Professionally Integrated 3M™ Surface Capacitive Touch Sensor.
- Built In Speakers.
- Built in fans for extended run times
- 1366 x 768 High Resolution
- 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: Samsung 320MP-2, 320MXn-2 (For additional "N" version information please see Samsung Specifications)

LCD Element: 32" (16:9) LCD
Max. Resolution: (pixels) 1366 x 768
Pixel pitch: 0.511mm (H) x 0.511 (V)
Color Space: 72%
Display Response Time: 8 ms
Viewing Angle: 178° right/left/up/down
Screen active area: inch (mm) 27-5/16 x 15-7/16 (693.7 x 392.2)
Contrast Ratio: 4000:1
Brightness: 500cd/m²
Power Consumption: 143 - 1W at standby
Power Requirements: AC 100-240V (+/-10%) 50/60 Hz
Operating Temperature: 10°C to 40°C
Operating Humidity: 10% to 80% (no condensation)
Internal Fan: Yes
Dimensions: inch (mm) Approx. 30.71 x 19 x 4.53 (780.0 x 482.6 x 115) with Touch Screen integrated.
Weight lbs.: (kg) Approx. 37.2 lbs (16.9) with integrated Touch Screen installed.
Speakers: Built in standard (5W x 2)



Display Werks is a Samsung authorized integrator.



Display Werks is an authorized 3M™ Surface Capacitive Touch System Integrator.

Input Terminals		Output Terminals	
DVI	24 pin	RS232C	Mini D-sub 15 pin
RGB	Mini D Sub 15Pin x 1	Audio	Audio line out (RCA L/R)
CVBS	1/8" Jack		
HDMI	HDMI connector		
Serial RS232C	Mini D Sub 15Pin x 1	Quality and Innovation in LCD Integration.™	
Audio AV	Line In for AV (RCA L/R)		
Audio PC	Line In for PC (3.5 mm mini Jack)		

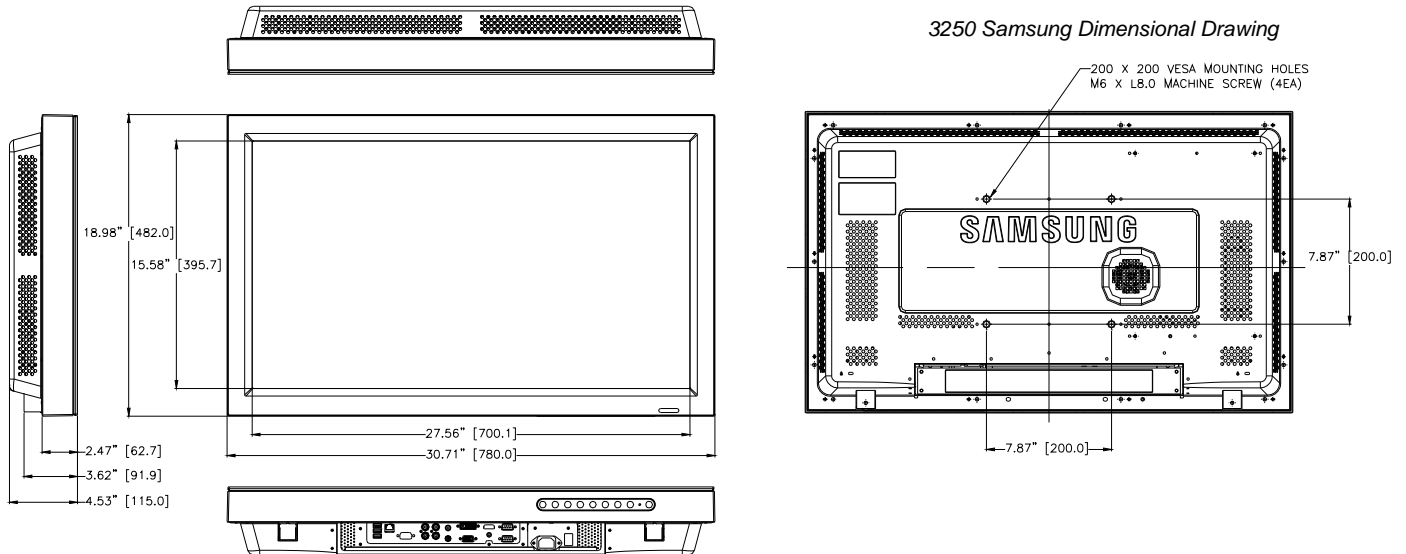
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3M™ Surface Capacitive Touch Screen Specifications:

- **Total additional weight to monitor:** 5.6lbs.
- **Construction:** Cleartek II Hardcoat with anti glare properties over glass substrate.
- **Input Method:** Finger input.
- **Positional Accuracy:** Reported coordinates are within 1.0% of true position (based on viewing area dimensions)
- **Light Transmission:** Up to 91.5%.
- **Operating Temperature:** -40°C to 70°C
- **Minimum Contact Requirement:** 5.4 ms
- **Response Time:** 20 ms for tap input.
- **Expected Life Performance:** No known wear-out mechanism, as there are no layers, or moving parts.
- **Total Additional Depth to Samsung 320MP-2, 320MXn-2:** 0.25"
- **Surface Obstructions:** Withstands surface contaminants such as dirt, dust and grime.

Touch screen Controller Specifications:

- **Dual Interface:** USB or RS232 Serial (specify when ordering).
- **Maximum Single USB Cable Length:** 5m (16.4 ft)

Note: Distances over 5m using USB can be achieved by using a USB extension system.

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