



# INFRARED TOUCH SOLUTION

50" Integrated Touchscreen Display

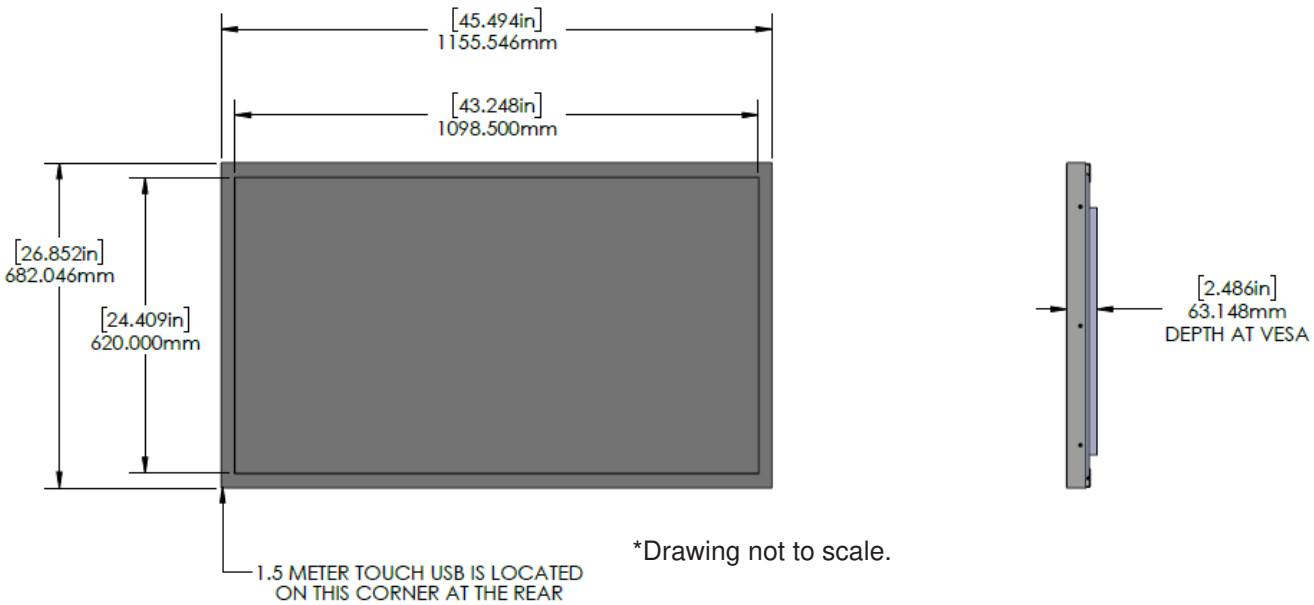
TSI Touch's Infrared (IR) solution for Samsung®'s 50" Q-series monitors allows for a highly accurate touchscreen experience. Through the use of Infrared technology, virtually any input can be detected (pen/stylus, user's fingers, palms, gloved fingers).

Our all-metal bezel construction, combined with high strength glass, adds considerable protection to the display, while also keeping your content crisp and bright.



SPECIFICATION	DETAIL			
<i>Product Name</i>	Touchscreen only	QB50B with Integrated Touchscreen	QH50B with Integrated Touchscreen	QM50B with Integrated Touchscreen
<i>Part Number</i>	TSI50NS15TACCZZ	TSI50PSXETACCZZ	TSI50PSXJTACCZZ	TSI50PSWKTACCZZ
<i>Touchscreen Type</i>	Infrared			
<i>Number of Touch Points</i>	10 points simultaneous touch minimum			
<i>Touchscreen Interface</i>	USB 2.0 Type A Male connector with 57" cable			
<i>Touchscreen Power</i>	USB 5VDC Maximum 1.5W			
<i>Touch Response Time</i>	≤8ms			
<i>Touch Accuracy</i>	+- 1mm			
<i>Minimum Touch Object Size</i>	6mm			
<i>Orientation Compatibility</i>	Landscape, Portrait			
<i>Brightness (w/touchscreen)</i>	N/A	310 nit	623 nit	445 nit
<i>Brightness (w/o touchscreen)</i>	N/A	350 nit	700 nit	500 nit
<i>Display Resolution</i>	3840 x 2160			
<i>Contrast Ratio</i>	4000:1			
<i>Viewing Angle</i>	178/178			

Aspect Ratio	16:9
Video Inputs	HDMI 2.0 (2)
Audio Output	Stereo Mini Jack
Operating System Compatability	Microsoft® Windows®, Samsung® SoC, Google® Chrome®, Android®, Ma-cOS®, and many popular Linux® Distributions - <i>HID Compliant Compatability</i>
Display Power Supply	AC 100 - 240 V, 50/60 Hz
Display Power Consumption	Typical: 91 Watts/Max: 143 Watts
Operating Temperature	0°~40° C
Humidity	10~80% Non-condensing
Integrated Dimensions (W x H x D)	45.49" x 26.85" x 2.48"
Viewable Area	43.24" x 24.4"
Integrated Display Weight	55.1 lbs.
Packaged Weight	62 lbs.
VESA Pattern	200 x 200 mm
Recommended Duty Cycle	QB: 16/7 \\\ QH and QM: 24/7
Service and Support	3 Year Repair & Return Warranty
In the Box	Integrated Touchscreen Display, Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries



For more information, please visit  
[www.tsitouch.com](http://www.tsitouch.com),  
 email [sales@tsitouch.com](mailto:sales@tsitouch.com),  
 or call 802-874-0123

Specifications and designs are subject to change without notice. Packaged weights are approximate.