

# TSI TOUCH

## PCAP TOUCH SOLUTION

55" Integrated Touchscreen Display

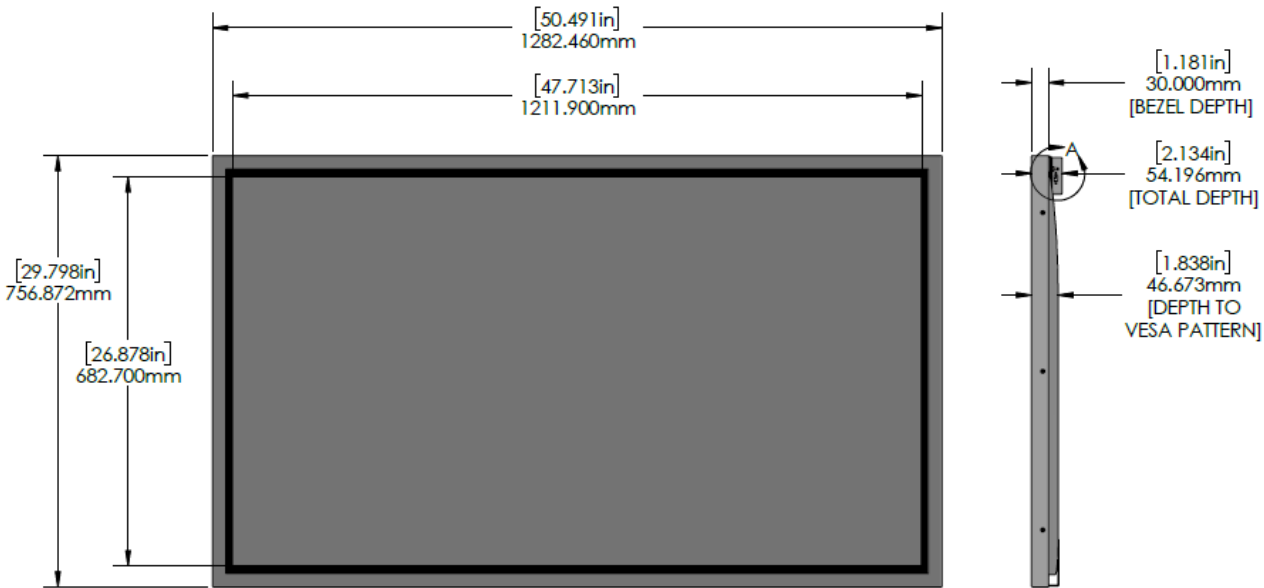
TSI Touch's Projected Capacitive (PCAP) Metal Mesh solution for LG®'s 55" UH5J-H/UH7J-H Series monitors allows for a highly accurate touchscreen experience. Through the use of advanced Metal Mesh sensor technology, coupled with a state of the art controller, our PCAP touch solution provides the interactive experience your end users expect, all while requiring little to no maintenance.

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



SPECIFICATION	DETAIL		
<i>Product Name</i>	Touchscreen only	55UH5J-H Integrated with Touchscreen	55UH7J-H Integrated with Touchscreen
<i>Part Number</i>	TSI55NL126HPGZZ	TSI55PLTU6HPGZZ	TSI55PLAA6HPGZZ
<i>Touchscreen Type</i>	Projected Capacitive Metal Mesh		
<i>Number of Touch Points</i>	40 points simultaneous touch minimum		
<i>Touchscreen Interface</i>	USB 2.0 Type A Male connector with 2 meter cable		
<i>Touchscreen Power</i>	USB 5VDC Maximum 1.6W Peak		
<i>Touch Response Time</i>	5ms		
<i>Touch Accuracy</i>	0.53% of sensor area		
<i>Minimum Touch Object Size</i>	2.64%		
<i>Orientation Compatibility</i>	Landscape, Portrait		
<i>Brightness (w/touchscreen)</i>	N/A	440 nit	616 nit
<i>Brightness (w/o touchscreen)</i>	N/A	500 nit	700 nit
<i>Display Resolution</i>	3840 x 2160		
<i>Contrast Ratio</i>	1,100:1		
<i>Viewing Angle</i>	178/178		

<i>Aspect Ratio</i>	16:9		
<i>Video Inputs</i>	N/A	HDMI (3)	HDMI (2)
<i>Audio Output</i>	Stereo Mini Jack		
<i>Operating System Compatability</i>	Microsoft® Windows®, LG® SoC, Google® Chrome®, Android®, MacOS® , and many popular Linux® Distributions - <i>HID Compliant Compatability</i>		
<i>Display Power Supply</i>	AC 100 - 240 V, 50/60 Hz		
<i>Display Power Consumption</i>	Typical: 110 Watts/Max: 150 Watts		
<i>Operating Temperature</i>	0°~40° C		
<i>Humidity</i>	10~80% Non-condensing		
<i>Integrated Dimensions (W x H x D)</i>	50.49" x 29.79" x 2.13"		
<i>Viewable Area</i>	47.71" x 26.87"		
<i>Integrated Display Weight</i>	79.4 lbs.		
<i>Packaged Weight</i>	89 lbs.		
<i>VESA Pattern</i>	300 x 300 mm		
<i>Recommended Duty Cycle</i>	24/7		
<i>Service and Support</i>	3 Year Repair & Return Warranty		
<i>In the Box</i>	Integrated Touchscreen Display, Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries		



\*Drawing not to scale.

For more information, please visit  
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 email [sales@tsitouch.com](mailto:sales@tsitouch.com),  
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Specifications and designs are subject to change without notice. Packaged weights are approximate.