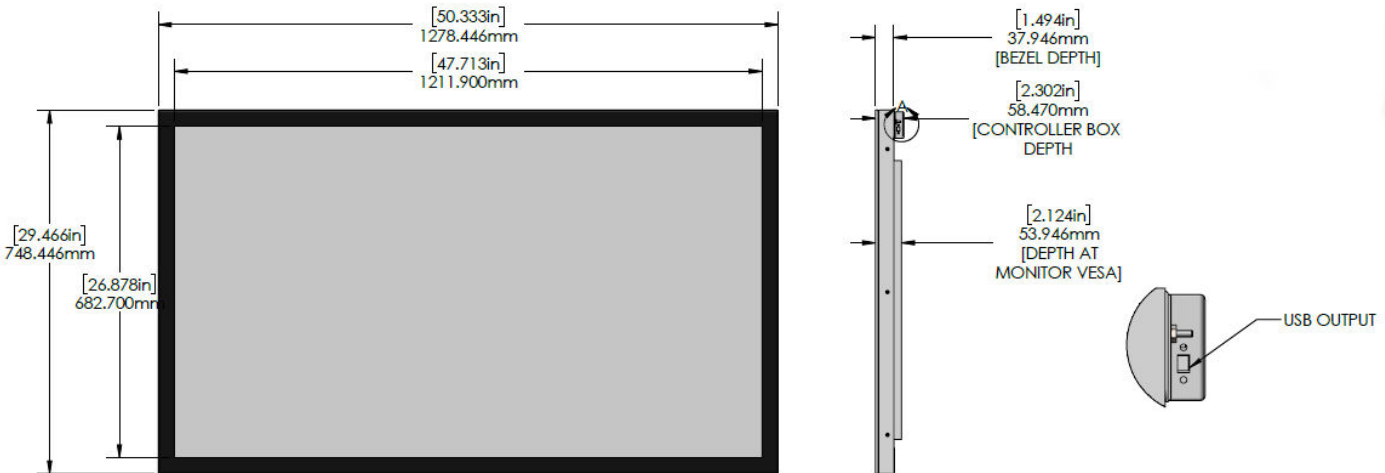# PCAP TOUCH SOLUTION
55" Integrated Touchscreen Display

TSI Touch's Projected Capacitive (PCAP) Metal Mesh solution for Samsung®'s 55" Q-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			
Product Name	Touchscreen only	QB55B with Integrated Touchscreen	QH55B with Integrated Touchscreen	QM55B with Integrated Touchscreen
Part Number	TSI55NS156HJGZZ	TSI55PSXF6HJGZZ	TSI55PSXK6HJGZZ	TSI55PSWL6HJGZZ
Touchscreen Type	Projected Capacitive Metal Mesh			
Number of Touch Points	40 points simultaneous touch minimum			
Touchscreen Interface	USB 2.0 Type A Male connector with 2 meter cable			
Touchscreen Power	USB 5VDC Maximum 1.6W Peak			
Touch Response Time	5ms			
Touch Accuracy	0.53% of sensor area			
Minimum Object Separation	2.64%			
Orientation Compatibility	Landscape, Portrait			
Brightness (w/touchscreen)	N/A	310 nit	623 nit	445 nit
Brightness (w/o touchscreen)	N/A	350 nit	700 nit	500 nit
Display Resolution	3840 x 2160			
Contrast Ratio	4000:1			
Viewing Angle	178/178			

Aspect Ratio	16:9
Video Inputs	HDMI 2.0 (3)
Audio Output	Stereo Mini Jack
Operating System Compatability	Microsoft® Windows®, Samsung® SoC, Google® Chrome®, Android®, MacOS® , and many popular Linux® Distributions - *HID Compliant Compatability*
Display Power Supply	AC 100 - 240 V, 50/60 Hz
Display Power Consumption	Typical: 108 Watts/Max: 143 Watts
Operating Temperature	0º~40ºC
Humidity	10~80% Non-condensing
Integrated Dimensions (W x H x D)	50.33" x 29.46" x 2.30"
Viewable Area	47.71" x 26.87"
Integrated Display Weight	80.2 lbs.
Packaged Weight	88.0 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

*Drawing not to scale.

For more information, please visit
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or call 802-874-0123