



# PCAP TOUCH SOLUTION

## 98" Integrated Touchscreen Display

TSI Touch's Projected Capacitive (PCAP) Skin Ultra solution for LG's 98" UH5J-H Series monitors allows for a highly accurate touchscreen experience. Through the use of advanced Skin Ultra 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 clear glass, adds considerable protection to the display, while also keeping your content crisp and bright.



SPECIFICATION	DETAIL	
<i>Product Name</i>	Touchscreen only	98UH5J-H Integrated with Touchscreen
<i>Part Number</i>	TSI98NL12DFPCZZ	TSI98PLAGDFPCZZ
<i>Touchscreen Type</i>	Skin Ultra Projected Capacitive	
<i>Number of Touch Points</i>	100 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 Object Separation</i>	2.64%	
<i>Orientation Compatibility</i>	Landscape, Portrait	
<i>Brightness (w/touchscreen)</i>	N/A	440 nit
<i>Brightness (w/o touchscreen)</i>	N/A	500 nit
<i>Display Resolution</i>	3840 x 2160	
<i>Contrast Ratio</i>	1,200:1	
<i>Viewing Angle</i>	178/178	

<i>Aspect Ratio</i>	16:9
<i>Video Inputs</i>	HDMI (2, HDCP 2.2/1.4), HDMI (HDCP 1.4), DP (HDCP 2.2/1.3), DVI-D (HDCP 1.4), Audio In, RS-232C In (4 Pin Phone-jack), RJ45 (LAN), IR In, USB 2.0 (2, Type A)
<i>Audio Output</i>	HDMI Out, Audio Out, External Control (RS-232C Out (4 Pin Phone-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: 420 Watts/Max: 570 Watts
<i>Operating Temperature</i>	0°~40° C
<i>Humidity</i>	10~80% Non-condensing
<i>Integrated Dimensions (W x H x D)</i>	TBD
<i>Viewable Area</i>	TBD
<i>Integrated Display Weight</i>	TBD
<i>Packaged Weight</i>	TBD
<i>VESA Pattern</i>	800 x 400 mm
<i>Recommended Duty Cycle</i>	24/7
<i>Service and Support</i>	3 Year Repair & Return Warranty

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.