

# TSI TOUCH

## PCAP TOUCH SOLUTION 86" Integrated Touchscreen Display

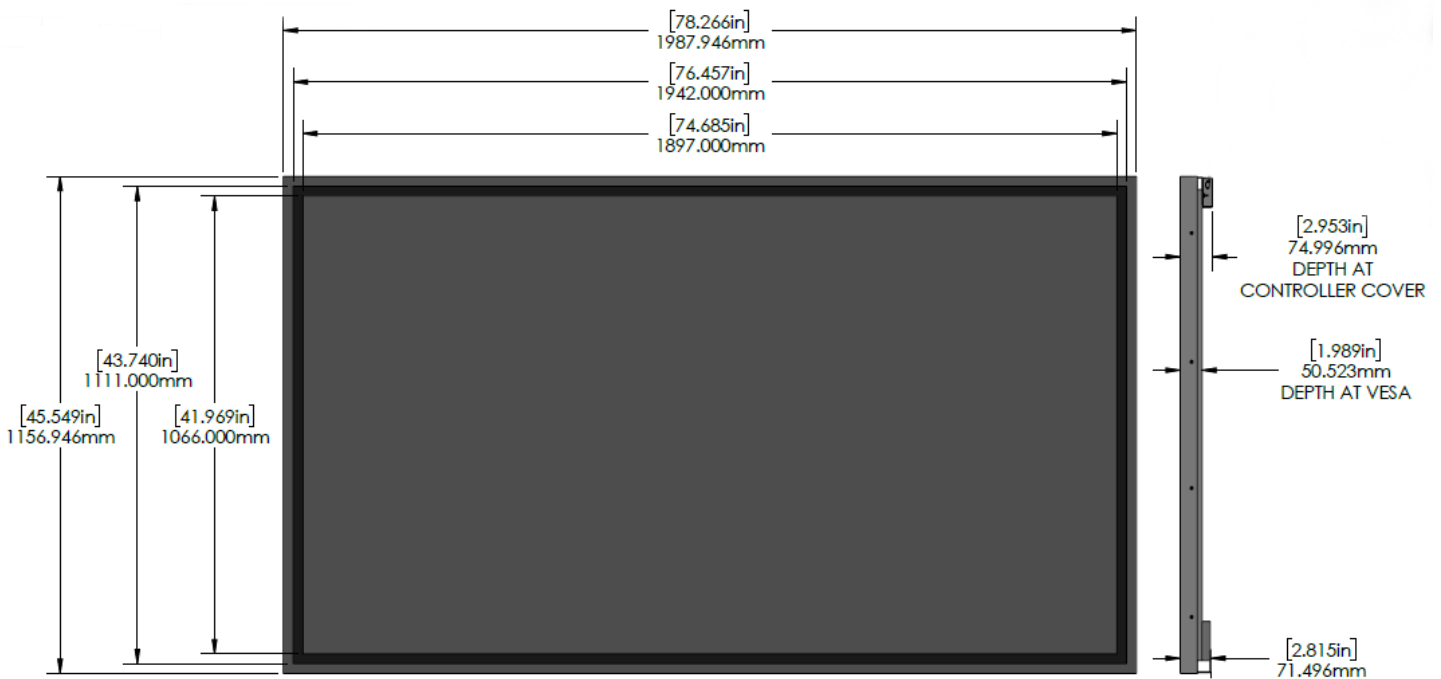
TSI Touch's Projected Capacitive (PCAP) Metal Mesh solution for LG's 86" UH5F-H Series monitors allows for a highly accurate touchscreen experience. Through the use of advanced Metal Mesh sensor technology, coupled with a state of the art controller, our PCAP touch solution provides the interactive experience 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                                 | 86UH5F-H Integrated with Touchscreen |
| <i>Part Number</i>                  | TSI86NL126HPGZZ                                  | TSI86PLFJ6HPGZZ                      |
| <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 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>               | 1,100:1  |                                      |
| <i>Viewing Angle</i>                | 178/178  |                                      |

|                                   |  |
|-----------------------------------|--|
| Aspect Ratio                      | 16:9   |
| Video Inputs                      | (3) HDMI1/HDMI2: HDCP 2.2/1.4, HDMI3: HDCP 1.4   |
| Audio Output                      | Stereo Mini Jack   |
| Operating System Compatability    | Microsoft® Windows®, LG® SoC, Google® Chrome®, Android®, MacOS® , and many popular Linux® Distributions - <i>HID Compliant Compatability</i> |
| Display Power Supply              | AC 100 - 240 V, 50/60 Hz   |
| Display Power Consumption         | Typical: 215 Watts/Max: 280 Watts  |
| Operating Temperature             | 0°~40° C   |
| Humidity                          | 10~80% Non-condensing  |
| Integrated Dimensions (W x H x D) | 78.26" x 45.54" x 2.95"  |
| Viewable Area                     | 74.68" x 41.96"  |
| Integrated Display Weight         | 258.0 lbs.   |
| Packaged Weight                   | 411.0 lbs.   |
| VESA Pattern                      | 600 x 400 mm   |
| Recommended Duty Cycle            | 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

\*Drawing not to scale.

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