# LG UHD Infrared Touch Screen Solutions

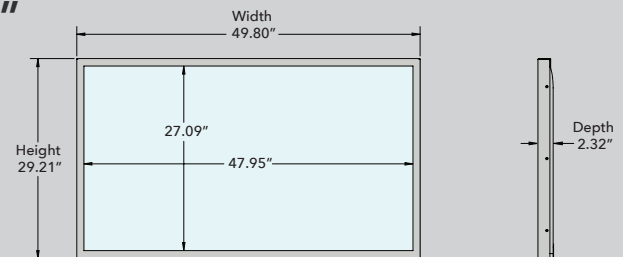**LG | Business Solutions**

## Solution Sizes Available

### 49"
Width 44.41"
Height 25.83"
23.74"
42.76"
Depth 2.32"

### 55"
Width 49.80"
Height 29.21"
27.09"
47.95"
Depth 2.32"

### 65"
Width 60.50"
Height 38.10"
32.30"
56.41"
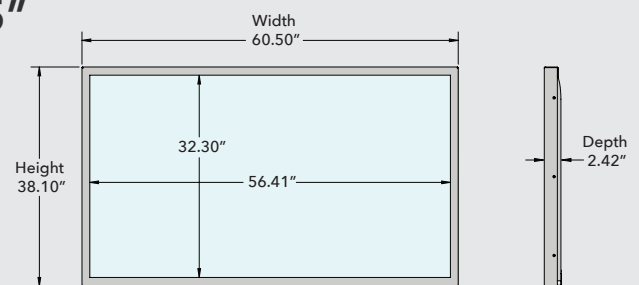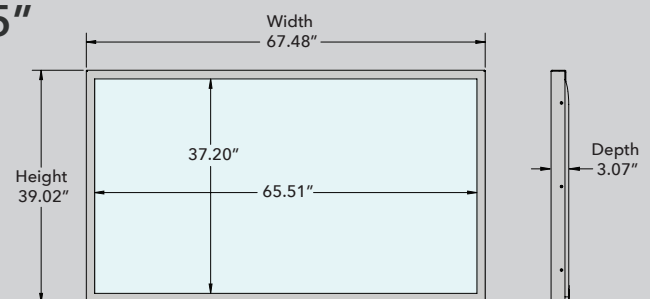Depth 2.42"

### 75"
Width 67.48"
Height 39.02"
37.20"
65.51"
Depth 3.07"
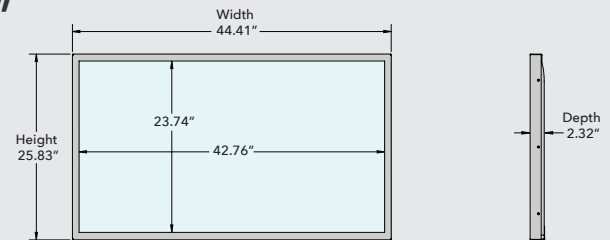
## Infrared Interactive Solution

The TSItouch solution is Infrared (IR) based, allowing for a high accuracy interactive experience. The usage of IR technology allows for virtually any input to be detected (pen/stylus, user's fingers, palms, gloved fingers). The TSItouch overlay is a full steel chassis integrated with tempered cover glass, which increases durability and optical clarity, while protecting the display.

**Multi-Touch Screen**
True multi-touch support for all major operating systems. 6, 10, 12, or 32 simultaneous touch point options are available

**Ultra-Fast Response Time**
Allows for split second reactions between touch point and screen. Rapid and smooth touch response

**Superior Design**
Full steel chassis combined with tempered glass provides additional protection to the LCD panel

**Branding Free**
Branding/logo free, not to divert attention from your brand and messaging

**24/7 Commercial Grade Display**
Commercial grade display with around the clock functionality

**Easy Integration**
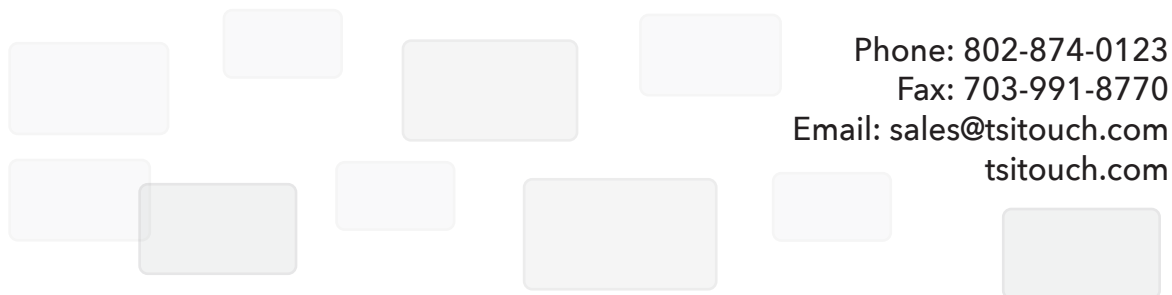Unrivaled simplicity makes installation easier and faster

**HID Compliant**
Maximum compatibly with numerous operating systems, plug-and-play

**Customizable**
Custom colors silk screening, and logos available

| Specification | 49" | 55" | 65" | 75" |
|---|---|---|---|---|
| Display Compatible | 49UH5B-B, 49UH5C-B, 49UH5E-B | 55UH5B-B, 55UH5C-B, 55UH5E-B | LG 65UH5B-B, LG 65UH5C-B | 75UH5B-B, 75UH5C-B, 75UH5E-B |
| Part Number | TSI49NL11T6CRZZ | TSI55NL11T6CRZZ | TSI65NL11T6CRZZ | TSI75NL11T6CRZZ |
| Protective Glass | 1/8" Anti-Reflective Cover Glass | | 3/16" Anti-Reflective Cover Glass | |
| Viewing Angle | 178x178 degrees | | | |
| Audio Out / External Speaker Out | Yes / (L, R) 6 ohm | | | |
| Touch Technology | IR | | | |
| Touch Points | 10 Point | | | |
| Response Time | 16ms | | | |
| Touch Accuracy | +/- 2mm (Over 99% Area) | | | |
| Interface | Type A USB | | | |
| Communication | USB 2.0 | | | |
| Power Supply Mode | Single USB connection (5v, 1A) | | | |
| Duty Cycle | 24/7 | | | |
| Panel Technology | IPS | | | |
| Aspect Ratio | 16:9 | | | |
| Connectivity | (1) HDMI, HDCPD2.2 DP, DVI-D, RGB | | | |
| Native Resolution | 3840x2160 (UHD) | | | |
| Brightness | 500 nit | | | |
| Orientation | Portrait and Landscape | | | |
| Contrast Ratio | 1000:1 | | | |
| Width/Height/Depth Including Monitor | 44.41" x 25.83" x 2.32" | 49.80" x 29.21" x 2.32" | 60.50" x 38.10" x 2.37" | 67.48" x 39.02" x 3.07" |
| Weight Without Monitor | 23.61 lbs | 28.44 lbs | 44.70 lbs | 59.97 lbs |
| OS Support | Windows, Google Chrome, Android, Mac, Linux | | | |

VESA mount not affected by touch screen overlay. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate.