
Interactive Touch Signage That Creates Engaging Experiences

55TC3CG-H

The 55TC3CG-H provides opportunities to engage your audience with a smooth writing experience, impressive viewing angles and vivid Ultra HD resolution. With the webOS 4.1 smart signage platform, this model can host a variety of custom and off-the-shelf solutions for wayfinding, health protocol instructions, interactive announcements, videos and advertising.

Financial District



Touch to Navigate

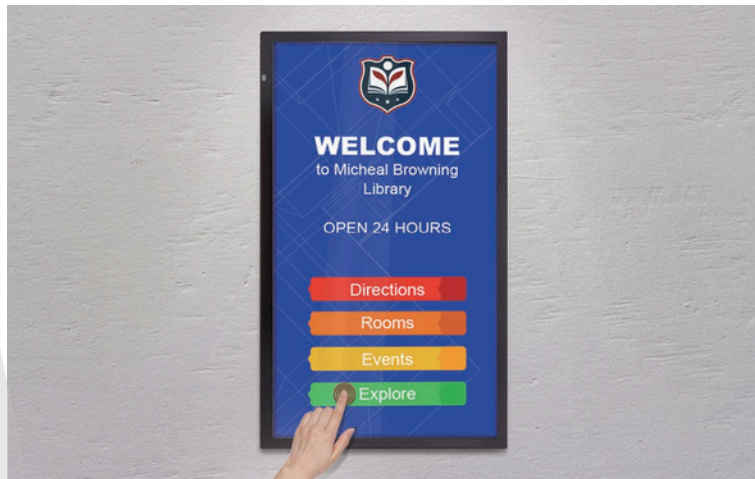
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High Touch Performance

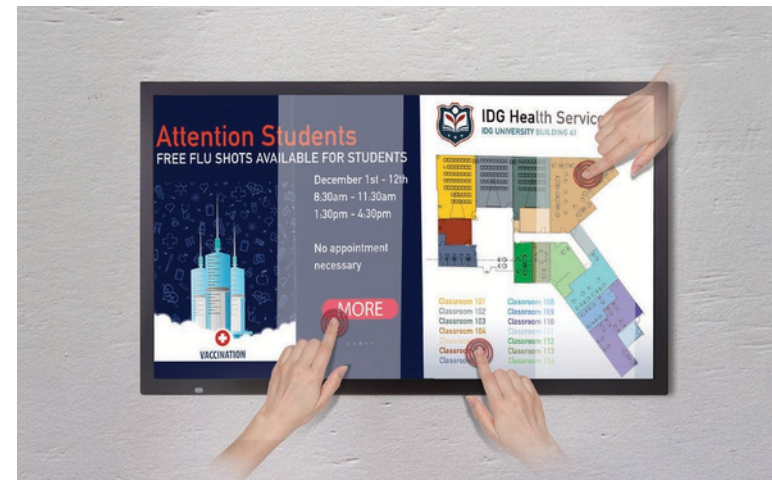
Precise Touch Response

The screen accurately recognizes extremely small touch points and instantly shows a response. This means that SIs can compose GUI icons in a variety of sizes on the 55TC3CG-H and users can fully enjoy their touch experience with no lagging.



Multi Touch with No Dead Zones

Capable of recognizing up to 40 point-touches at once, the screen provides multiple users a smooth and natural sense of touch. Unlike infrared touch screens, the 55TC3CG-H accurately detects touch points even at the corners or edges of the display. This allows a variety of touch-based customer services to be provided throughout the entire screen.



* Simulated images are for illustrative purposes only

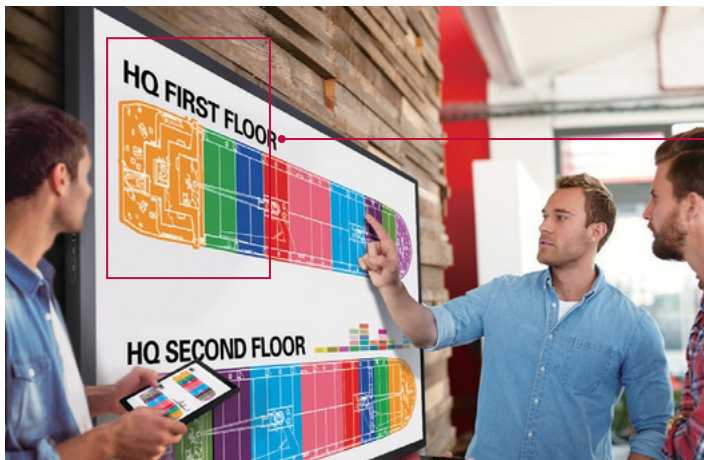
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Excellent Picture Quality

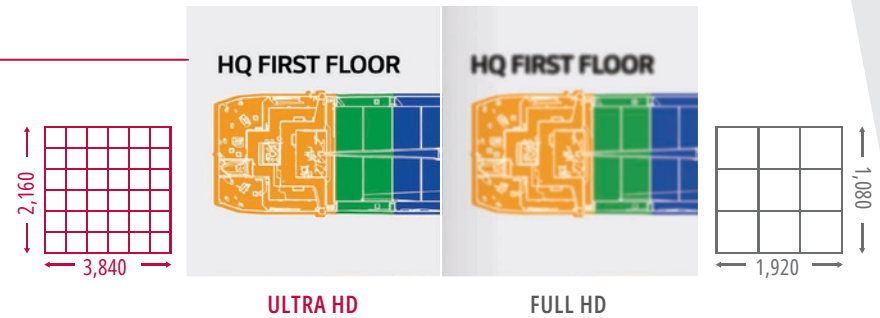
Beautiful Color, Wide View

LG IPS panel features a wide viewing angle to deliver clear content regardless of where meeting participants are seated. Each pixel in the IPS panel reproduces gorgeous image colors that people can see even at extremely wide viewing angles.



Vivid Details with Ultra HD

Ultra High Definition resolution allows users to view details even when zooming in on the display, with four times higher definition than Full HD. The 55TC3CG-H ensures stable UHD video playback with HEVC (High Efficiency Video Coding).



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Product Reliability

Fewer Scratch & Shatter Proof

Touch screens in public spaces can be scratched in heavy use or even abuse situations. The 55TC3CG-H has an advanced tempered screen coating to minimize scratches. In addition, its anti-shatter glass is designed to minimize harm to the user, even in the event the product being subject to abuse.



Conventional

55TC3CG-H

Conformal Coating

The product can be often unavoidably exposed to dust and water during maintenance. Conformal coating on the circuit board virtually eliminates such circumstances by protecting it against dust, iron powder, humidity, etc.



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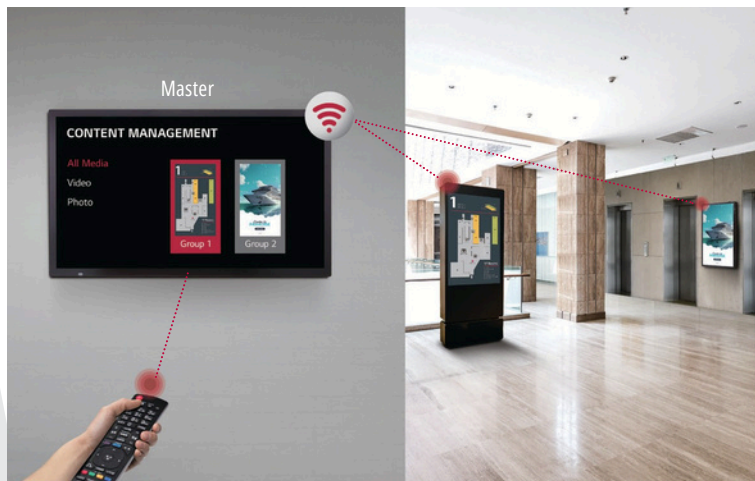
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Easy Content Management

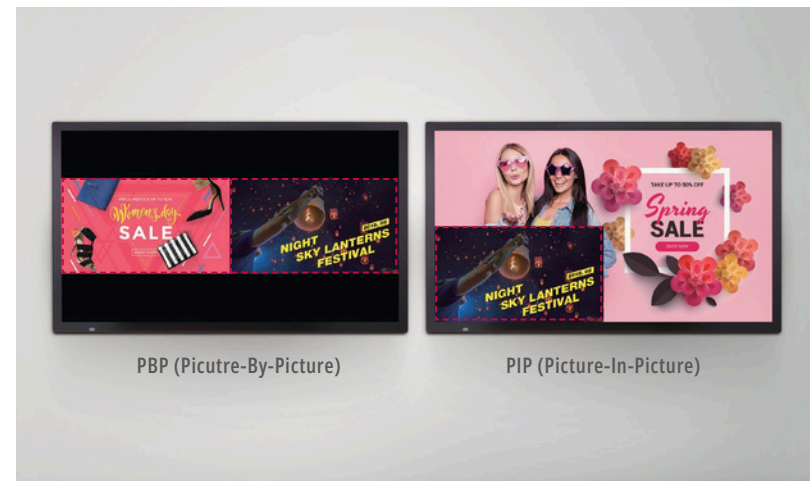
Embedded Group Manager

The embedded content management system allows you to edit and play content, schedule a playlist and even group and control signages via remote control, without need for a separate PC. This makes content management much easier and user-friendly.



Multi Screen Mode

PBP (Picture-By-Picture) and PIP (Picture-In-Picture) enables up to two divided split screens in landscape or portrait display format enabling users to more flexibly allocate space for each content source.



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High Compatibility

Various Sensor Applications

LG webOS smart signage platform easily supports connections with external sensors such as GPIO, NFC/RFID, temperature sensors, etc. via USB plug-in. With webOS smart signage, there's no need to purchase additional software or media players.



OPS Player Connectivity

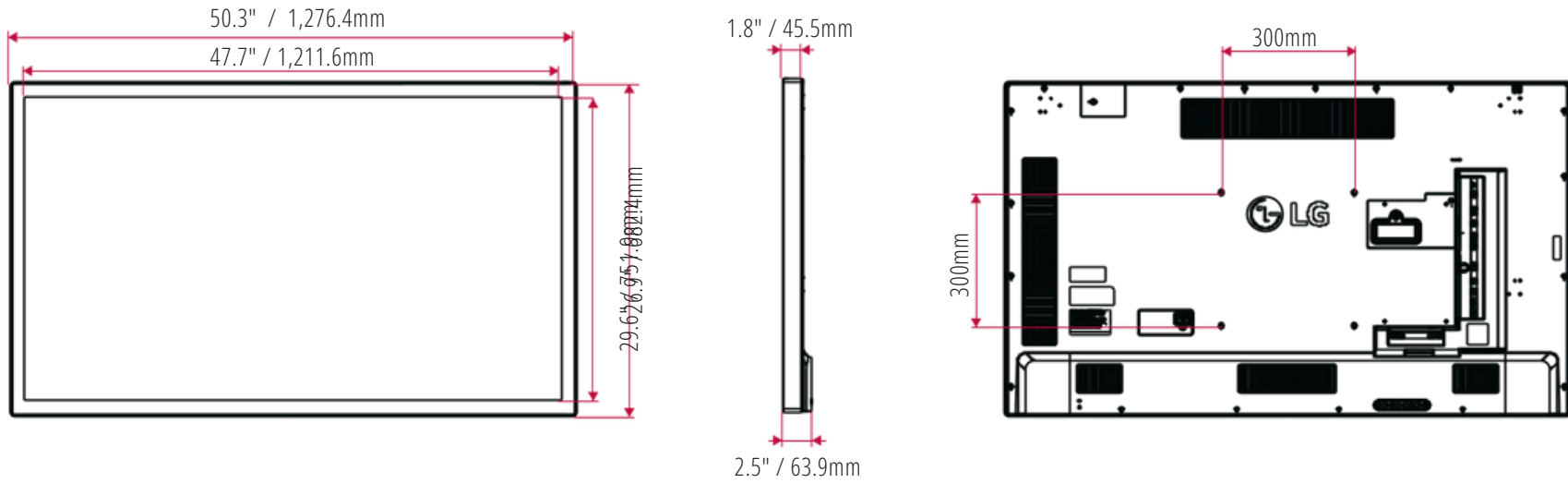
The 55TC3CG-H provides an OPS (Open Pluggable Specification) Kit to connect a third-party OPS player. Users have the flexibility to choose any media player as long as it complies with the OPS.



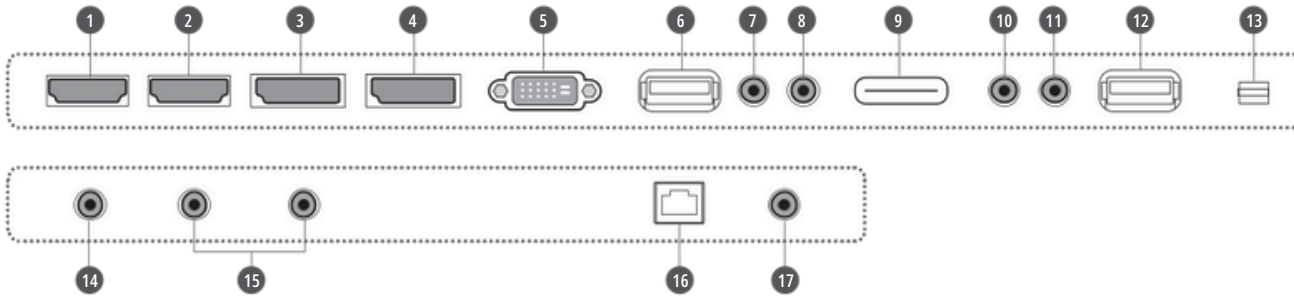
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Dimension

55"



Connectivity



- 1 HDMI 1
- 2 HDMI 2
- 3 DP IN DP
- 4 OUT DVI-
- 5 D IN

- 6 USB 3.0
- 7 AUDIO IN
- 8 AUDIO OUT
- 9 SD CARD
- 10 RS232C IN

- 11 RS232C OUT
- 12 USB 2.0
- 13 TOUCH USB
- 14 PIXEL SENSOR
- 15 SPEAKER OUT

- 16 LAN
- 17 IR & LIGHT SENSOR

Specifications

| | | 55TC3CG-H |
|-------------------------------------|---|---|
| DISPLAY | Screen Size | 55" |
| | Panel Technology | IPS |
| | Back Light Type | Edge |
| | Aspect Ratio | 16:9 |
| | Native Resolution | 3840 x 2160 (UHD) |
| | Refresh Rate | 60 Hz |
| | Brightness | 350 nits (typ) |
| | Contrast Ratio | 1100:1 |
| | Color gamut | NTSC 72% |
| | Viewing Angle(H x V) | 178° x 178° |
| | Response Time | 8ms (G to G) |
| | Surface Treatment (Haze) | 28% |
| | Lifetime Operation | 50,000 Hrs (min) |
| | Operation Hours (Hours/Day) | 24/7 |
| Orientation | Portrait or Landscape | |
| TOUCH PANEL | Available object size for touch | > 6 mm |
| | Reponse Time | 10 ms |
| | Accuracy | 2 mm ± 0.2 mm |
| | Interface | USB 2.0 |
| | Protection Glass Thickness | 3.2T (Anti-Glare) |
| | Protection Glass Transmission | 83% |
| | Operating System Support | Win 8.1, Win 10, Linux (Kernel v3.0 above) |
| | Multi touch point | Max 40 Points |
| | HDMI | Yes (2), HDCP2.2/1.4 |
| | DP | Yes (1), HDCP2.2/1.3 |
| | RS232C IN | Yes (1) |
| | Rj45(LAN) | Yes (1) |
| | IR IN | Yes (1) |
| | USB | |
| CONNECTIVITY | DP Out | USB2.0 Type A(2) |
| | Audio Out | Yes (1), Input HDMI1/2/DP/OPS |
| | Touch USB | Yes (1) |
| | External Speaker Out | Yes (1) |
| | RS232C OUT | USB2.0 Type-B (1) |
| | OPS type compatible | Yes (6ohm) |
| | Bezel Color | Yes (1) |
| | Bezel Width | Yes (Piggyback) |
| | Weight | Black |
| | Shipping Weight | 33.5 / 33.4 / 33.4 / 38 mm |
| | Monitor Dimension(W x H x D) | 78.0 lbs / 34.5 kg |
| | Shipping Dimensions (W x H x D) | 87.7 lbs / 39.8 kg |
| | VESA/Standard Mount Interface | "50.3 x 29.6 x 1.8 in / 1276.4 x 751.9 x 44.9 mm" |
| | Power Consumption (Smart Energy Saving) | "55.5 x 34.6 x 8.1 in / 1410 x 880 x 207 mm" |
| Power Consumption (DPM / Power Off) | 300 x 300 | |
| Internal Memory | 74W | |
| Temperature Sensor | Less than 0.5W | |
| HARDWARE FEATURES | Auto Brightness sensor | 8GB (System 4GB + Available 3.6GB) |
| | Local Key Operation | Yes |
| | Operation Temperature | Yes |
| | Operation Humidity | Yes |
| | | "32°F to 104°F / 0°C to 40°C" |
| | | 10% to 80% |
| | | |

| | | 55TC3CG-H |
|-------------------------|---|---|
| SOFTWARE FEATURES | webOS Signage | Version 4.1 |
| | Local Contents Scheduling | Yes |
| | Group Manager | Yes |
| | USB Plug & Play | Yes |
| | Fail over | Yes |
| | Bootimg Logo Image | Yes |
| | No Signal Image | Yes |
| | RS-232C Sync | Yes |
| | Local Network Sync | Yes |
| | PIP | Yes |
| | PBP | Yes |
| | Video Tag | Yes |
| | Play via URL | Yes |
| | Screen Rotation | Yes |
| External Input Rotation | Yes | |
| ELECTRICAL | Gapless Playback | Yes |
| | Tile Mode Setting | Yes |
| | Setting Data Cloning | Yes |
| | SNMP | Yes |
| | ISM Method | Yes |
| | Auto Set ID | Yes |
| | Status Mailing | Yes |
| | Control Manager | Yes |
| | Crestron Inside | Yes |
| | Smart Energy Saving | Yes |
| | PM mode | Yes |
| | Wake on LAN | Yes |
| | HDMI-CEC | Yes |
| | SI Server Setting | Yes |
| CERTIFICATIONS | webRTC | Yes |
| | Pro:Idiom | Yes |
| | Power Supply | AC 100-240V~, 50/60Hz |
| | Power Type | Built-In Power |
| | Power Consumption (Typ) | 105W |
| | Power Consumption (Max) | 145W |
| | Power Consumption (Smart Energy Saving) | 74W |
| | Power Consumption (DPM / Power Off) | Less than 0.5W |
| | FCC (Regulatory) | FCC Class "A" (NRTL) |
| | ErP (Environmental) | EPA 8.0 |
| | SuperSign CMS | Yes |
| | SuperSign Control / Control+ | Yes |
| | Signage365Care | Yes |
| | Standard Warranty | 3 Years Parts & Labor |
| UPC | 7 19192 64134 1 | |
| WARRANTY & OTHER | Basic Accessories | |
| | | Power Cord 1.55 M*1, USB Cable (Type A-Type B) 1.8 M*1, HDMI Cable 3 M*1, User Manual, QSG, Remote Controller(include battery 2ea), RS232C cable, IR Receiver , Magnet Sheet(3ea) |
| | Optional Accessories | "Wall bracket(LSW350B), VESA Adapter(AM-B330S), OPS Kit(KT-OPSF), SP-5200" |

* LG SuperSign CMS, Control+ and Signage365Care are optional paid Software/Services



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