

Ultra Narrow Bezel Video Wall

55LV77D/LV75D

With an ultra narrow bezel, the 55LV77D/75D provides viewers with greater immersion, thus imprinting the content on their minds. No matter where a passerby is when watching the screen, it maintains superior picture quality with vivid colors, allowing the content to come alive. The content can be produced easily in various layouts to match regular or irregular forms of the video wall screen with LG SuperSign software.



Key Points

- Overwhelming screen immersion with ultra narrow 3.5mm bezel to bezel
- Clear and consistent color reproduction from any angle with IPS panel
- Reliable picture quality supported by uniformed brightness and white balance
- Vivid Content Playback with TruMotion™ 60Hz Refresh Rate
- Convenient content management using SuperSign W

Ultra Narrow Bezel Video Wall

55LV77D/LV75D

Key Features

Immersive Viewing Experience

Ultra Narrow Bezel

The 3.5mm ultra narrow bezel size creates immersive and seamless viewing experiences on assembled video wall screens.



Bezel to Bezel 3.5mm
2.25mm (Left/Top)
1.25mm (Right/Bottom)

Wide Viewing Angle

IPS panel technology means a more advanced control of the liquid crystal display. As a result, it has a wide viewing angle that delivers clear content, no matter where a passerby views. Every pixel in the IPS panel truly reproduces the image colors without distorting them.



178° Wide Viewing Angle 178°

Superior Picture Quality

Uniform Brightness

LG's LED backlight technology guarantees high uniformity in brightness to ensure a clear picture. On other screens, certain spots may appear darker than others, but the new LV77D/75D generates high visibility and a consistent brightness across the whole screen.

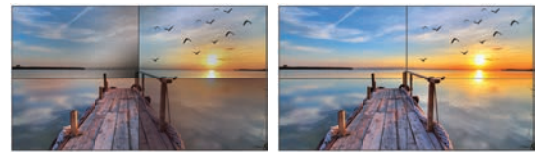


Conventional (80%)

LV77D/75D

Consistent White Balance

Through Video Wall Image Creation (VIC) technology, color and brightness differences are compensated in circuit part with an algorithm to make the panels into a same characteristic so that each video wall maintains the consistent white balance.

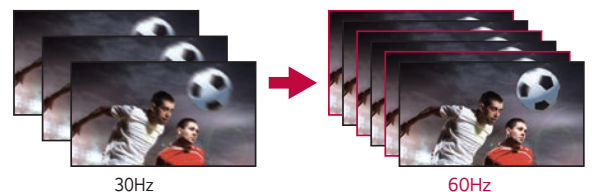


Conventional

LV77D/75D

Vivid Imagery Viewing

TruMotion™ 60Hz Refresh Rate drastically reduces motion blur and judder ensuring vivid image playback with fine details.



30Hz

60Hz

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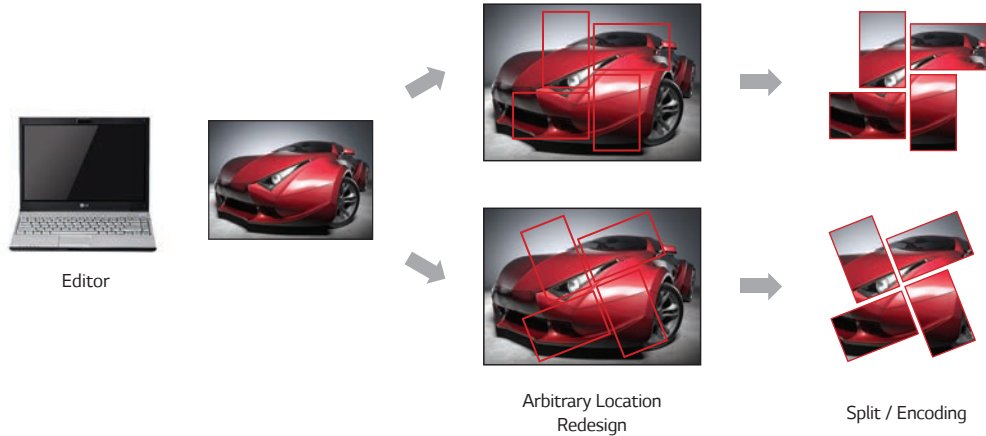
55LV77D/LV75D

Content Management



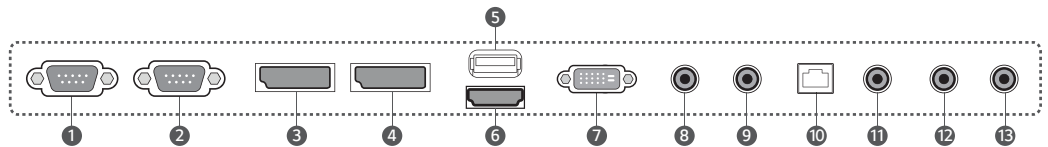
SuperSign W Content Management

Flexible content editing in various layouts including regular matrix and non-formal irregular video-wall is possible to your preference in a timely and cost effective manner without unnecessary expensive video wall console.



Connectivity

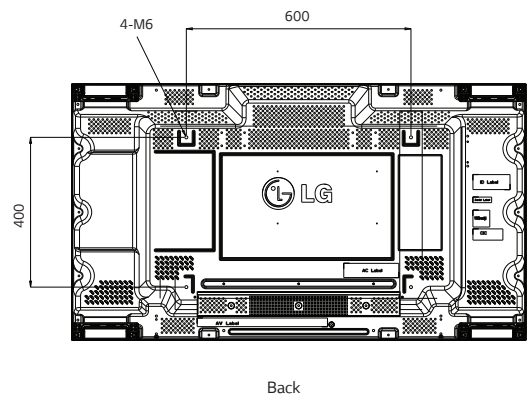
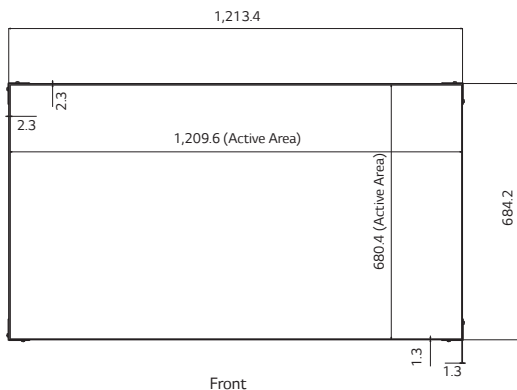
- ① RS-232C IN ⑧ RGB / COMPONENT IN
- ② RS-232C OUT ⑨ IR IN
- ③ DP IN ⑩ LAN
- ④ DP OUT ⑪ AV IN
- ⑤ USB IN ⑫ AUDIO IN
- ⑥ HDMI IN ⑬ AUDIO OUT
- ⑦ DVI IN



Dimension (unit : mm)

55"

1213.4 x 684.2 x 88.5 mm / 23 kg



Specifications

| | | 55LV77D | 55LV75D | |
|----------------------------|--|--|--|-------|
| PANEL | Screen Size | 55" | 55" | |
| | Panel Technology | IPS | IPS | |
| | Aspect Ratio | 16:9 | 16:9 | |
| | Native Resolution | 1,920 x 1,080 (FHD) | 1,920 x 1,080 (FHD) | |
| | Brightness | 700 cd/m ² | 500 cd/m ² | |
| | Viewing Angle (H x V) | 178 x 178 | 178 x 178 | |
| | Response Time | 12 ms (G to G) | 12 ms (G to G) | |
| | Surface Treatment | Hard coating (3H), Anti-reflection treatment of the front polarizer (Reflectance <2%) | Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%) | |
| | Life time | 60,000 Hrs | 60,000 Hrs | |
| | Guaranteed Operation Hours | 24 Hrs | 24 Hrs | |
| Orientation | Landscape & Portrait | Landscape & Portrait | | |
| CONNECTIVITY | Input | HDMI, DP, DVI, RGB, Audio, USB | | |
| | Output | DP, Audio | | |
| | External Control | RS232C In/Out, RJ45 In, IR Receiver | | |
| PHYSICAL SPECIFICATION | Bezel Color | Black | Black | |
| | Bezel Width (B to B)* | 2.25 mm (L/T) / 1.25 mm (R/B) | 2.25 mm (L/T) / 1.25 mm (R/B) | |
| | Monitor Dimension (W x H x D) | 1,213.4 x 684.2 x 88.5 mm | 1,213.4 x 684.2 x 88.5 mm | |
| | Weight (Head) | 23 kg | 23 kg | |
| | Carton Dimensions (W x H x D) | 1,337 x 828 x 239 mm | 1,337 x 828 x 239 mm | |
| | Packed Weight | 30.5 kg | 30.5 kg | |
| | Handle | Yes | Yes | |
| | VESA™ Standard Mount Interface | 600 x 400 mm | 600 x 400 mm | |
| SPECIAL FEATURES | Temperature sensor, Cooling FAN (LV77D Only), Tile mode (up to 15x15), Natural mode @Tile mode, ISM method, DPM select, Energy saving, Smart energy saving, File play with USB | | | |
| ENVIRONMENT CONDITIONS | Operation Temperature Range | 0°C to 40°C | 0°C to 40°C | |
| | Operation Humidity Range | 10% to 80% | 10% to 80% | |
| POWER | Power Supply | 100-240V~, 50/60Hz | 100-240V~, 50/60Hz | |
| | Power Type | Built-in Power | Built-in Power | |
| | Power Consumption | Typ. | 230 W | 160 W |
| | | Max | 290 W | 230 W |
| Smart Energy Saving | 130 W | 130 W | | |
| STANDARD (CERTIFICATION) | Safety | UL / cUL / CB / TUV / KC | UL / cUL / CB / TUV / KC | |
| | EMC | FCC Class "A" / CE / KCC | FCC Class "A" / CE / KCC | |
| | ErP / Energy Star | NA / No | NA / Yes (Energy Star 7.0) | |
| MEDIA PLAYER COMPATIBILITY | OPS Type Compatible | No | No | |
| | External Media Player Attachable | Yes | Yes | |
| SOFTWARE COMPATIBILITY | Content Management Software | SuperSign W | SuperSign W | |
| | Control and Monitoring Software | SuperSign C | SuperSign C | |
| ACCESSORIES | Basic | Remote controller, Power cable, DP cable, IR receiver, RS-232C cable, Tiling guide, Screw | Remote controller, Power cable, DP cable, IR receiver, RS-232C cable, Tiling guide, Screw | |
| | Optional | WM-L640V (Landscape), WM-P640V (Portrait), Frame kit (Horizontal: FK-55V10 / Vertical: FK-55V20) | WM-L640V (Landscape), WM-P640V (Portrait), Frame kit (Horizontal: FK-55V10 / Vertical: FK-55V20) | |

*B to B: Panel Bezel + Panel Bezel

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