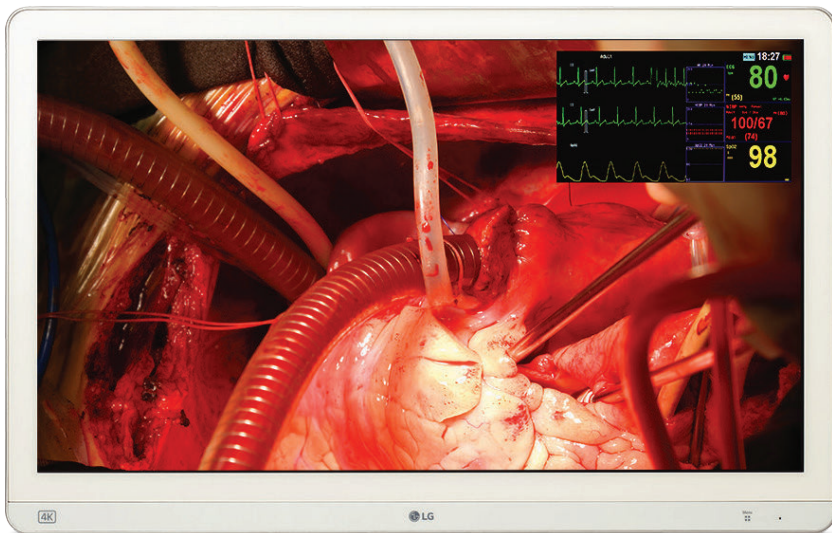


The LATEST Surgical Display Monitor with Mini-LED Delivers Outstanding Image Quality, Performance, and Convenience



**The screen image is simulated for illustrative purposes only.*

The all-new LG 27HQ710S 4K Mini-LED surgical monitor boasts exceptional picture quality courtesy of the company's Mini-LED technology, which provides brilliant illumination, and reliable images. This newly launched 27-inch, 4K resolution (3840 x 2160) vertical alignment display leverages thousands of tiny LEDs to offer a peak brightness of 2,000cd/m² and a 1,000:1 contrast ratio. Plus, with an impressive 1,500 local dimming zones, the surgical monitor displays vibrant, high-quality color images with consistent brightness across the entire screen.

INTENDED USE: Record Operative Procedures

FEATURE HIGHLIGHTS

- 4K UHD (3840 x 2160) with Mini-LED
- 5ms Response Time (Quick Setting)
- HDR 10, HDR Effect, 3G-SDI support
- sRGB 139% (Area)
- Mirror Mode and Rotation Mode
- Up to 4PBP and PIP
- Protection Glass (1.3t, Anti-Reflection, Anti-Fingerprint)
- Failover Input Switch available
- 178° x 178° Wide Viewing Angles
- DICOM Part 14 Compliant
- FDA Class I Exempt

WARRANTY INFORMATION

- 3-Year Extended Warranty



PRODUCT **VIDEO**



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SPECIFICATIONS

| Model | | 27HQ710S |
|---------------------------------|------------------------------------|---|
| Model | | |
| Panel | Panel Type | VA (Vertical Alignment) |
| | Inch (Aspect Ratio) | 27-inch |
| | Resolution | 4K UHD (3840 x 2160) |
| | Backlight Technology | Mini-LED |
| | Surface Treatment | Protection Glass (1.3t, Anti-Reflection, Anti-fingerprint) |
| | Color Gamut (Typical) | DCI-P3 110.9% (CIE1976, Area), DCI-P3 98% (CIE1976, Coverage), sRGB 139% (Area), sRGB 100% (Coverage) |
| | Viewing Angles (CR≥10) | 178° (Right / Left), 178° (Up / Down) |
| | Brightness (Typical) | 800cd/m ² |
| | Contrast Ratio (Typical) | 1000 : 1 |
| | Response Time (GtG ¹⁾) | 5ms (GtG at Faster) |
| Feature | DICOM Compliant | Yes |
| | HW Calibration | Yes (LG Calibration Studio) |
| | HDR | HDR 10, HDR Effect |
| | Super Resolution+ | Yes |
| Video Signals | Input Terminals | HDMI 2.0 x1, DisplayPort x1, DVI x1, 3G-SDI x1 |
| | Output Terminals | DisplayPort x1, DVI x1, 3G-SDI x1 |
| Connectivity | USB | 1 Upstream (ver 3.0), 1 Downstream (ver 3.0) |
| Power | AC Input | 100-240Vac, 50/60Hz |
| | Power Consumption (Max.) | 120W |
| | Power Consumption (DC Off) | Less than 0.3W |
| Resistance Rating ²⁾ | | IP45 (Front) ³⁾ , IP32 (Except for Front) ⁴⁾ , IK06 ⁵⁾ |
| User Convenience | PBP / PIP | Yes (2PBP / 3PBP / 4PBP) / Yes |
| | Screen Filp | Rotation & Mirror Mode |
| | Failover Input Switch | Yes |
| | Hot Key | Yes (2 keys) |
| | Flicker Safe | Yes |
| Physical Specifications | Weight | 8.0 kg (18 lb) |
| FDA Classification | | Class I Exempt |

1) GtG: Gray-to-gray response times.

2) Tested under controlled laboratory conditions with an IP/ IK rating. Dry before using. Do not charge while wet.

3) IP 45: Protected from tools and small wires greater than 1 millimeter./ Low water jets from any direction.

4) IP 32: Protected from tools and wires greater than 2.5 millimeters./ Protected from water spray less than 15 degrees from vertical.

5) IK 06: Equivalent to impact of 0.25 kg mass dropped from 400 mm above impacted surface.

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