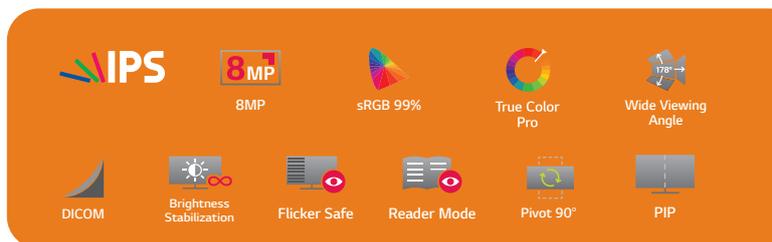
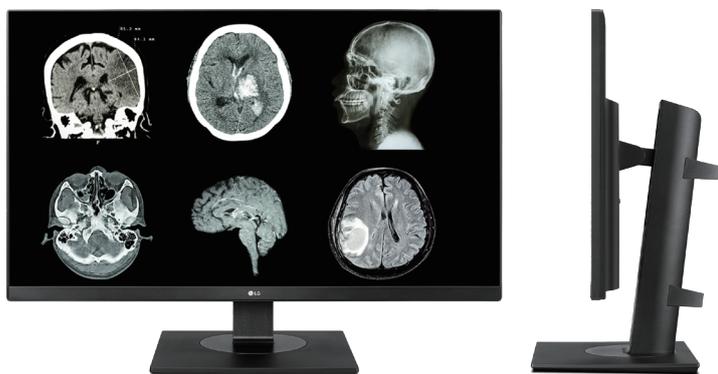


LG 8MP Clinical Review Monitor

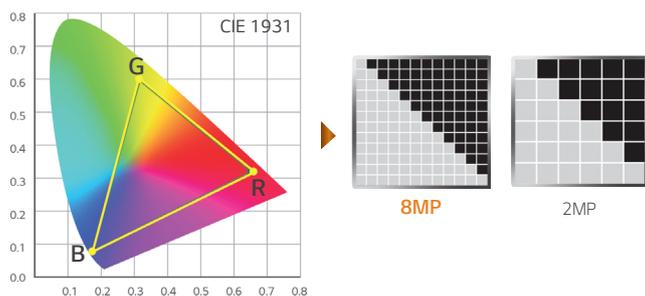


27HJ713C

High Picture Quality for Maintaining Precision

8MP* IPS Display & 350nits(Typ.) with sRGB 99%

The 8MP IPS display with 350nits(Typ.) brightness and sRGB 99% of the color space offers outstanding picture quality and guarantees vivid color expression without any color shift for more precise clinical review.



*8MP(Mega Pixel); 4K, 3840 x 2160

Compliance with Medical Standards

To ensure the most accurate, consistent shading possible for medical images, the LG clinical review monitor measures and sets every grayscale tone on the production line to produce contrast response within 10% of the DICOM GSDF over the full luminance response. DICOM out-of-the-box calibrated(250nits) to ACR-AAPM-SIIM secondary review brightness guidelines.

DICOM Part 14

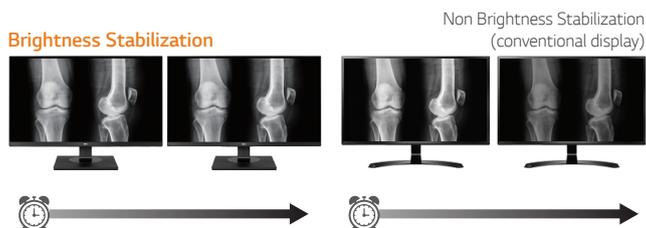
Conventional



Guaranteed for Reliable Clinical Reviewing

Brightness Stabilization

A sensor measures the backlight brightness stability and automatically compensates for brightness fluctuations caused by aging to consistently maintain DICOM conformance during the usage life. The backlight sensor maintains DICOM calibrated brightness for 3 years.



IEC 60601-1 / 60601-1-2

LG's clinical review monitor complies with IEC 60601-1 and IEC 60601-1-2, which are technology standards to guarantee the electrical and mechanical safety standards of medical devices, with supervision by the International Electrotechnical Commission.



- Prevents short circuit and electric shock accidents caused by liquid
- Minimizes current leakage in single fault conditions
- Minimizes the risk of fire due to overcurrent

Enhanced Medical Efficiency

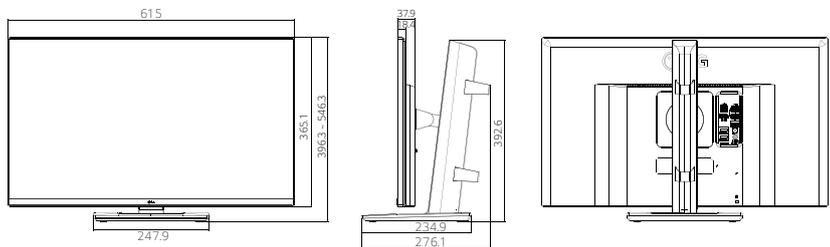
Flicker Safe

Flicker Safe reduces the onscreen flicker level to almost zero, which helps minimize eye strain and visual fatigue. By combining Flicker Safe with the proven picture quality of IPS technology, users can comfortably work throughout the day.

Two-Way Pivot

Bi-directional pivot provides a customizable multi-monitor configuration according to the user's needs based on diagnostic software, and the lower cover between the two monitors does not interfere with on-screen contents as it pivots in different directions.

Specification

Model Name		27HJ713C
External Dimension		
Panel	Type	IPS
	Size	27" (16:9)
	Native Resolution	3840 x 2160
	Pixel Pitch	0.1554 mm x 0.1554 mm
	Display Colors	10bit / sRGB 99%
	Display Mode	Single Screen, 3840x2160 / Picture by Picture, 2X1920x2160
	Viewing Angles	178/178
	Brightness	350cd/m ² (Typ.) / 250cd/m ² (Dicom Calibrated)
	Surface Treatment	Anti-Glare 3H
	Contrast Ratio	1000:1 (Typ.)
Respose Time	14ms (Typ.)	
Video Signals	Input Terminals	HDMI(2.0) x 2, DP(1.2) x 1
	Output Terminals	Headphone Out
	Digital Scanning Frequency (H/V)	30~135kHz / 56~61Hz
	Sync Formats	Dynamic Sync Mode (Thru Mode)
USB	Function	1 upstream 2 downstream
	Standard	USB 3.0
Power	Power Requirements	100-240Vac, 50/60Hz
	Maximum Power Consumption	65W
	Power Save Mode	0.5W
	Power Management	0.3W
Source	External adapter 19VDC, 3.42A(65W), IEC60601-1	
Brightness Stabilization		Support
Brightness Uniformity Correction		Brightness Uniformity > 95%
Mechanical		90 Screen Rotation(Two Way Pivot)
Certifications & Standards		CE MDD Class 1 / UL60601-1 / IEC60601-1/ IEC60601-1-2 EN60601-1 / EN60601-1-2
Supplied Accessories		Power cord, HDMI Cable, DP Cable, USB Cable, Adapter, CD/Book Manual
Physical Specifications	Weight(Without Stand)	4.7kg
	Weight(With Stand)	7.5kg

LG Electronics Inc.

<http://www.lge.com>

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