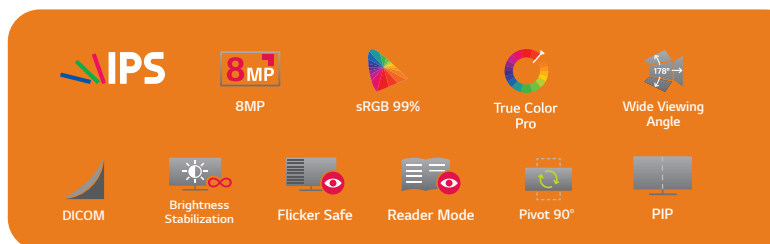


LG 8MP Clinical Review Monitor

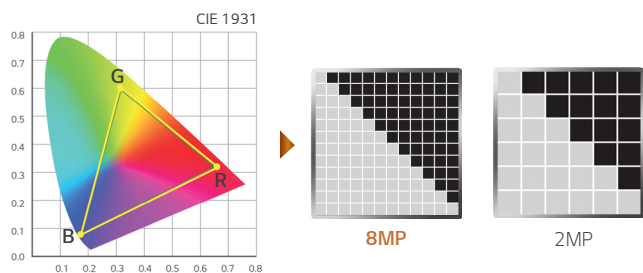


27HJ712C

Accurate Image Quality to Maintain Precision

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

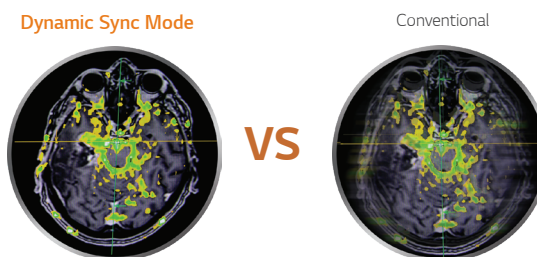
The 8MP IPS display with 350nits(Typ.) brightness and sRGB 99% of the color space offers outstanding picture quality and guarantees vivid color expression without any color shift for more precise clinical review.



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

Dynamic Sync Mode

The low input lag and quick response time allow the monitor to receive signals quickly and display a clear, vivid image with no distortion for precise decoding of information and efficient clinical review.

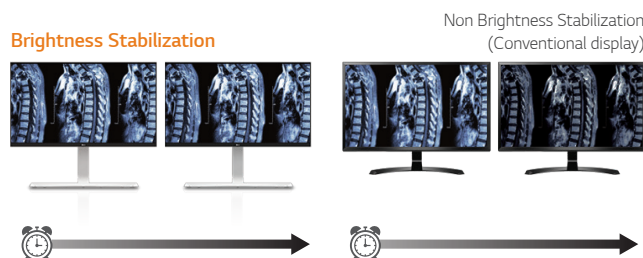


*Dynamic Sync Mode is only available to 60Hz input source.

Guaranteed to Provide Consistent Medical Images

Brightness Stabilization

A sensor measures the backlight brightness stability and automatically compensates for brightness fluctuations caused by aging for a consistently stable display during the usage life.



DICOM* Part 14

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 a monitor compliant with DICOM Part 14.



*DICOM: Digital Imaging and Communications in Medicine.

Optimum Eye Comfort

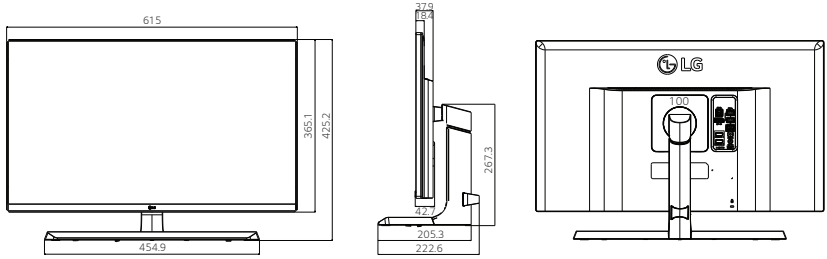
Flicker Safe

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.

Reader Mode

Reader Mode allows the reduction of blue light emissions that can be harmful to the eyes. It provides optimal conditions for clinical use and so doctors can comfortably view the clinical review monitor even for long periods time.

Specification

Model Name		27HJ712C
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%
	Viewing Angles	178/178
	Brightness	350cd/m ² (Typ.)
	Surface Treatment	Anti-Glare 3H
	Contrast Ratio	1000:1 (Typ.)
	Response 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
Brightness Stabilization		Support
Certifications & Standards		IEC(IEC60601-1 / IEC60601-1-2), FCC(FCC part 15 Class A), CB, UL(UL60601-1), C-UL-US, RoHS, REACH, WEEE, CISPR, EN, ANSI, AAMI, CE MDD(Class 1)
Supplied Accessories		Power Cord, HDMI Cable, DP Cable, USB Cable, Adapter, CD/Book Manual
Physical Specifications	Weight(Without Stand)	4.7kg
	Weight(With Stand)	6.2kg

LG Electronics Inc.

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