

27-inch 8MP Clinical Review Monitor

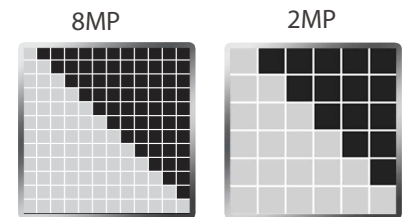
27HJ713C

Picture Quality for Precision Review

8MP* IPS Display - 350cd/m² (Typ) with sRGB 99%

The 8MP IPS display with 350cd/m²(Typ.) brightness and sRGB 99% offers excellent picture quality and vivid colour reproduction with minimal colour shift for precise clinical review.

*8MP, 4K (3840 x 2160)



DICOM* Part 14 Compatible

To help provide accurate and consistent shading within medical images, the LG Clinical Review Monitor has highly accurate and consistent shading for medical images. LG measures and sets every greyscale tone to produce a monitor compliant with DICOM part 14.

DICOM Part 14



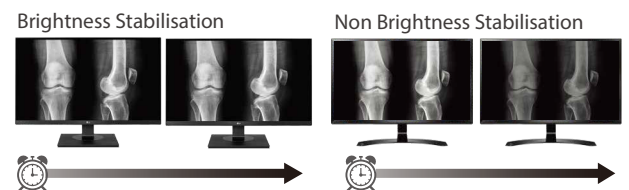
Images are simulated to enhance feature understanding. They may differ from actual use.

*DICOM: Digital Imaging and Communications in Medicine.

Reliable Clinical Review

Brightness Stabilisation

A sensor measures the backlight brightness stability and automatically compensates for brightness fluctuations to consistently maintain DICOM conformance as the monitor ages.



PBP* and Dual Controller

The PBP and dual controller features allow healthcare professionals to split the screen to display the information and images needed.

* PBP feature is subject to devices connectable to a display port.

Viewing Comfort

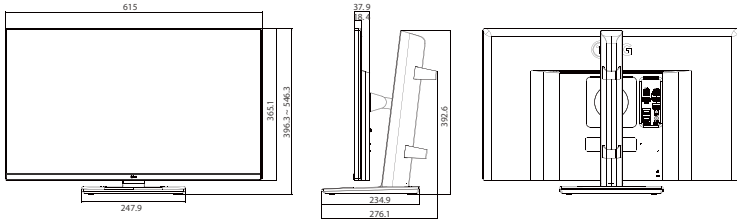
Flicker Safe

Flicker Safe reduces the onscreen flicker level to almost zero, which helps minimize eye strain and visual fatigue.

Two-way Pivot, Tilt, Swivel, Height Adjustable Stand

The 27HJ713C monitor has a stand that allows for adjustment in multiple directions to suit individual viewing preferences.

Specification

Model		27HJ713C
Model		
Panel	Panel Type	IPS
	Inch (Aspect Ratio)	27-inch (16:9)
	Resolution	8MP (3840 x 2160)
	Surface Treatment	Anti-glare, 3H
	Colour Gamut (Typ.)	sRGB over 99% (Coverage)
	Viewing Angle (CR ≥10)	178 °(Right/Left), 178 °(Up/Down)
	Brightness (Typ.)	350cd/m ²
	Contrast Ratio (Typ.)	1000:1
Response Time (GTG*)	14ms (Off-setting), 5ms (Faster-setting)	
Feature	DICOM Compliant	Yes
	HW Calibration	Yes (True Color Pro)
Video Signals	Input Terminals	HDMI x2, DisplayPort x1
Connectivity	USB	1 upstream, 2 downstream
Power	AC Input	100-240Vac, 50/60Hz
	Power Consumption (Max.)	65W
	Power Consumption (DC Off)	Less than 0.3W
Certifications & Standards		IEC(IEC 60601-1 / IEC 60601-1-2), EN(EN 60601-1 / EN 60601-1-2) IEC(IEC 60950-1 / IEC 55032, 55024), EN (EN 60950-1 / EN 55032, 55024) cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1) FCC (FCC part 15 Class A), FDA (Registration (Class I)), RoHS, REACH, WEEE
User Convenience	PBP / Dual Controller	Yes (2PBP) / Yes
	Reader Mode / Flicker Safe	Yes / Yes
Physical Specifications	Weight (without stand)	4.7 kg
	Weight (with stand)	7.5 kg
	Narrow Bezel Design	3-Side NArrow Bezel Design
	Adjustable Stand	Tilt : -5~25°, Swivel : ±45°, Height Range : 150mm, Pivot : ±90 °

*GTG : Gray to gray response time