

27-inch 8MP Clinical Review Monitor

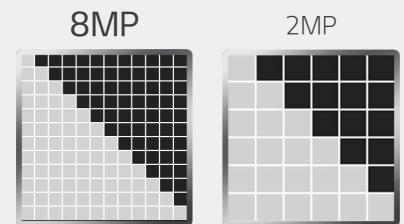
| 27HJ713C |

High Picture Quality for Maintaining Precision

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

The 8MP IPS display with 350cd/m²(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



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 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: Digital Imaging and Communications in Medicine.

DICOM Part 14

Conventional



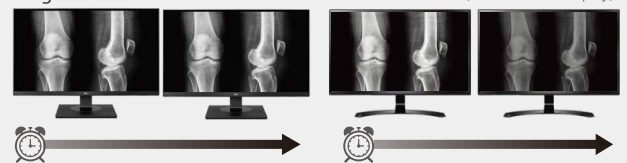
Guaranteed for Reliable Clinical Reviewing

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.

Brightness Stabilization

Non Brightness Stabilization
(Conventional display)



2PBP | Dual Controller

The PBP and dual controller features allow healthcare professionals to split the screen to display the information and images needed. For example a patient's profile, before and after comparison clinical images, or images from other modalities, can be seen all at the same time on one screen. And, managing multiple devices connected to one screen, keyboard, and mouse helps make the review process simplified and easy.

Better Comfort for Clinical Review

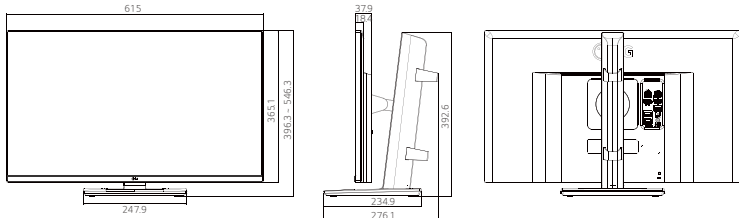
Flicker Safe

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.

Ergonomic Stand : Two-way Pivot, Tilt, Swivel, Height Adjustment

Medical staff usually stand for long periods of time, which can quickly lead to physical fatigue. To help reduce this, it's important to have monitors that are customized to improve such working conditions with an ergonomic design. The 27HJ713C has an ergonomic stand that allows you to easily control the pivot, tilt, swivel and height for a more comfortable display.

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
	Color 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
	AC Input	100-240Vac, 50/60Hz
Power	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 (10.4 lb)
	Weight (with stand)	7.5 kg (16.5 lb)
	Borderless Design	3-Side Virtually Borderless Design
	Adjustable Stand	Tilt : -5~25°, Swivel : ±45°, Height Range : 150mm, Pivot : ±90°

*GTG : Gray to gray response time



LG Electronics Inc.

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