



# 27-inch 8MP Clinical Review Monitor

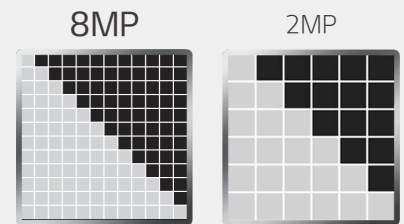
| 27HJ712C |

## Optimized Display for Clinical Review

**8MP\* IPS Display | 350cd/m<sup>2</sup>(Typ.) with sRGB 99%**

The 8MP IPS display with 350cd/m<sup>2</sup>(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



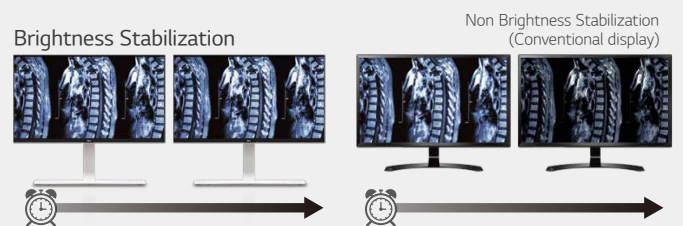
### 3-Side Virtually Borderless Design

It is very common to use multiple monitor setup in most medical facilities, due to the need for various information required for a more accurate diagnosis. When setting up multiple monitors, thicker bezels take up too much space between the connected monitors, which can be quite distracting to healthcare professionals. The 27HJ712C alleviates this with a 3-Side Virtually Borderless Design, for a seamless workstation for more productivity.

## 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

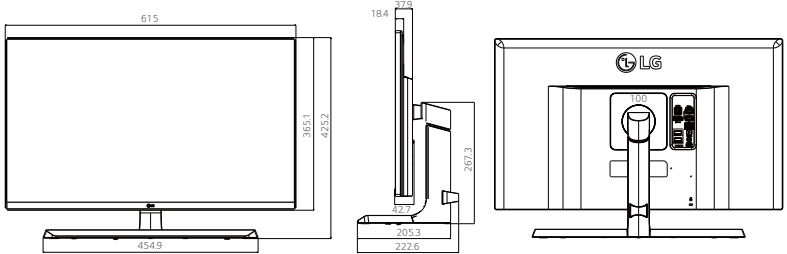
### Flicker Safe

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		27HJ712C
		
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 <sup>2</sup>
	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
	Flicker Safe / Reader Mode	Yes / Yes
Physical Specifications	Weight (without stand)	4.7 kg (10.4 lb)
	Weight (with stand)	6.2 kg (13.7 lb)
	Borderless Design	3-Side Virtually Borderless Design
	Adjustable Stand	Tilt : -3~20°, Height Range : 110mm, Pivot : +90°

\*GTG : Gray to gray response time



**LG Electronics Inc.**  
<http://www.lge.com/global/business>

Copyright © 2020 LG Electronics. All Rights Reserved.