27HJ712C-W 8MP Clinical monitor

HEALTHCARE

▶ **27HJ712C-W**

27" class (27.0" diagonal)

A DISPLAY COMPLIANT WITH DICOM PART 14 FOR CLINICAL REVIEW APPLICATIONS
Easily multi-task while clinical reviewing from different clinical review applications such as department of radiology and exchanges and study information!

Images on screen are simulated

IPS | sRGB OVER 99% | Wide Viewing Angle | Hardware Calibration Ready | True Color Pro | DICOM | Flicker Safe | PBP | Reader Mode

FEATURES

8MP IPS DISPLAY & 350 NITS WITH sRGB OVER 99%
• The 27-inch 8MP display with IPS technology offers an outstanding picture quality along with perfect wide viewing angles.

DICOM PART 14
• To ensure the most accurate and consistent shading possible for medical images, LG measures and sets every grayscale tone on the production line to produce a monitor compliant with DICOM Part 14.

DYNAMIC SYNC MODE*
• The LG clinical monitor minimizes input lag with Dynamic Sync so you can catch every single moment in real-time.

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

BRIGHTNESS STABILIZATION
• A sensor measured the backlight brightness stability and automatically compensates for brightness.

EYE-COMFORT
• Flicker-Safe and Reader Mode help protect eyes from fatigue by virtually eliminating flickering and reducing blue light.

SPECIFICATIONS

Designed Specifically for the Healthcare Professionals

UL Medical Grade Listed

DICOM part 14

Native Display Resolution 3840 x 2160

Contrast Ratio 1000:1

14ms(Typ.) Response Time

Six Axis Control

Brightness Stabilization

Flicker Safe

Reader Mode

VESA™ Compliant Wall Mountable
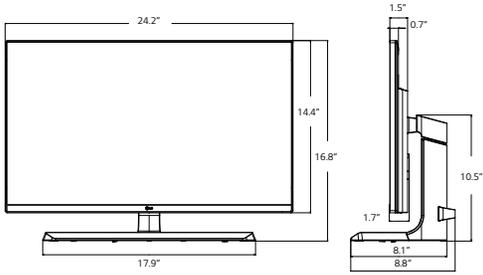
3-Year Limited Warranty Parts/Labor/Backlight

www.LG.com/us/commercial

LG

27HJ712C-W
8MP Clinical monitor

▶ **27HJ712C-W**
27" class (27.0" diagonal)

HEALTHCARE

DIMENSIONS

24.2"
14.4"
16.8"
17.9"
1.5"
0.7"
10.5"
1.7"
8.1"
8.8"

JACK PACK
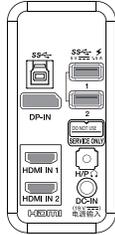
PANEL	MODEL	27HJ712C-W
	Size	27" class (27.0" diagonal)
	Panel Type	IPS
	Color Gamut (CIE1931)	sRGB 99%
	Color Depth (Number of Colors)	10bit color (1.07B)
	Pixel pitch (mm)	0.1554mm x 0.1554mm
	Aspect Ratio	16:9
	Resolution	3840 x 2160
	Brightness (Typ.)	350 cd/m²
	Contrast Ratio(Original)	1000:1
	(DFC)	Mega
	Response Time_Typ. (on/off)	14ms (Typ)
	(GTG)	5ms (High)
	Viewing Angle(CR≥10)	178 / 178
	Surface Treatment	Anti-Glare 3H
SIGNAL INPUT	HDMI	x2 (2.0)
	DisplayPort	x1 (1.2)
	USB	USB3.0 1up 2down
	[Jack Location]	Rear
AUDIO OUTPUT	Headphone Out	Yes
	[Jack Location]	Rear
POWER	Type	Adapter
	Input	100-240Vac, 50/60Hz
	Output	19V, 3.42A (65W)
	Normal On (Max) (Brightness100 + USB Load)	65W
	Sleep Mode (Max)	0.5W
	DC Off (Max)	0.3W
FREQUENCY	H-Frequency (HDMI)	30~135kHz
	V-Frequency (HDMI)	56~61Hz
	H-Frequency (Display Port)	30~83kHz
	V-Frequency (Display Port)	56~61Hz
RESOLUTION	Digital (HDMI)	3840x2160
	Display Port	3840x2160
	HDMI	3840x2160
	Display Port	3840x2160
CONTROL KEY	Key Number (Power Key Included)	5
	Key Type	Joystick
	LED Color(On mode)	White
	LED Color(Power save mode)	White Blinking
	[Key Location]	Bottom
OSD	Country	Worldwide
	Number of Language	17

SPECIAL FEATURE	MODEL	27HJ712C-W
	Picture Mode	Yes
	ORIGINAL RATIO	Yes
	PBP	Yes
	Super Resolution+	Yes
	Gamma	Gamma 1.8, Gamma 2.0, Gamma 2.2,Gamma 2.4, Gamma 2.6, DICOM Gamma curve
	Color Temperature	6500K / 8500K / 9300K, Manual (5000K ~ 10000K)
	DICOM Mode	Yes (Kδ <= 10%)
	Factory Calibration	Yes (Delta E< 2, Gamma 2.0 ~ 2.4 / DICOM curve)
	H/W Calibration	Yes (Calibration 1-2 Mode)
	Dynamic Sync Mode (Thru Mode)	Yes
	Flicker safe	Yes
	Reader Mode	Yes
	Brightness Stabilization	Yes
	Uniformity Compensation	Yes
	Quick Charge	Yes
	DDC/CI	Yes
	HDCP	Yes
	Key Lock	Yes
	Plug & Play	Yes
	Response Time Control	Yes
	DPM	Yes
	Color Calibrated	Yes
	Automatic Standby	Yes
	Six Axis Control	Yes
	Smart Energy Saving	Yes (Conserve energy by using luminance compensation algorithm)
	True Color Pro	Yes
COLOR	Front	White
	Back Cover	White
	Stand	White
	Base	White
	Others	Deco cover : Black
STAND	Base Detachable	Yes
	One Click stand set-up	Yes
	Tilt (Angle)	Yes (-3~20)
	Height (mm)	Yes (range 110mm)
	Pivot	Yes
CABINET	Monitor (with Stand)	24.2" x 8.8" x 16.8"
	Monitor (without Stand)	24.2" x 1.7" x 14.4"
	Box	32.8" x 18.6" x 6.6"
	VESA® Wall Mount	100 x 100
	Weight (with Stand)	13.7 lbs
	Weight (without Stand)	10.4 lbs
	Weight (Box)	23.2 lbs
STANDARD	DisplayPort	Yes
	IEC	IEC60601-1 / IEC60601-1-2
	FCC	FCC part 15 Class A
	CB / C-UL-US / CE / KC / RoHS / REACH / WEEE /	Yes
	UL / ANSI / AAMI	UL60601-1
	CISPR	IEC / EN
	EN	EN60601-1 / EN60601-1-2
	CE MDD	CE (MDD) Class I
	Others	DICOM part 14
	Windows 10	Yes
ACCESSORY	Power Cord	Yes
	HDMI	Yes
	USB	Yes (USB3.0)
	Manual	Yes
	Factory Calibration Report	Yes
	CD-ROM	Yes (User Manual / True Color Pro/Dual controller)
	Others	Adapter
OTHER	UPC	7 19192 60960 0
	Warranty	3-Year Limited Warranty (Parts/Labor/Backlight)

IPS   sRGB OVER 99%   Wide Viewing Angle   Hardware Calibration Ready   True Color Pro   DICOM   Flicker Safe   PBP   Reader Mode

www.LG.com/us/commercial

LG