27HJ712C-W 8MP Clinical monitor



> 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!





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



27HJ712C-W 8MP Clinical monitor





Yes (Kδ <= 10%) Yes (Delta E<2, Gamma 2.0 ~ 2.4 / DICOM curve) Yes (Calibration 1-2 Mode) Yes onserve energy by using luminance compensation algorithm) Yes White White White White Deco cover : Black Yes Yes Yes (-3~20) Yes (range 110mm) Yes 24.2" x 8.8" x 16.8" 24.2" x 1.7" x 14.4" 32.8" x 18.6" x 6.6" 100 x 100 13.7 lbs 10.4 lbs 23.2 lbs Yes IEC60601-1 / IEC60601-1-2 FCC part 15 Class A Yes UL60601-1 IEC / EN EN60601-1 / EN60601-1-2 CE (MDD) Class I DICOM part 14 Yes Yes Yes Yes (USB3.0) Yes Yes Yes (User Manual / True Color Pro/Dual controller) Adapter 7 19192 60960 0 3-Year Limited Warranty (Parts/Labor/Backlight)

DIMENSIONS	5	JACK PACK	SPECIAL	MODEL	27HJ712C-W
			FEATURE	Picture Mode	Yes
				ORIGINAL RATIO	Yes
		1.5"		PBP	Yes
r	24.2"0.7"			Super Resolution+	Yes
				Gamma	Gamma 1.8, Gamma 2.0, Gamma 2.2,Gamma 2.4, Gamma 2. DICOM Gamma curve
				Color Temperature	6500K / 8500K / 9300K, Manual (5000K ~ 10000K)
1				DICOM Mode	Yes (Kδ <= 10%)
	14.4"			Factory Calibration	Yes (Delta E<2, Gamma 2.0 ~ 2.4 / DICOM curve)
16.8"				H/W Calibration	Yes (Calibration 1-2 Mode)
		COURTS ONLY			res (calibration 1-2 Mode)
				Dynamic Sync Mode (Thru Mode)	Yes
				Flicker safe	Yes
				Reader Mode	Yes
17.9"		8.1"		Brightness Stabilization	Yes
				Uniformity Compensation	Yes
				Quick Charge	Yes
				DDC/CI	Yes
PANEL	MODEL	27HJ712C-W		HDCP	Yes
PANEL	Size				Yes
		27" class (27.0" diagonal)		Key Lock	
	Panel Type	IPS		Plug & Play	Yes
	Color Gamut (CIE1931)	sRGB 99%		Response Time Control	Yes
	Color Depth	10bit color (1.07B)		DPM	Yes
	(Number of Colors)			Color Calibrated	Yes
	Pixel pitch (mm)	0.1554mm x 0.1554mm	-	Automatic Standby	Yes
	Aspect Ratio	16:9		Six Axis Control	Yes
	Resolution	3840 x 2160	COLOR	Smart Energy Saving	Yes (Conserve energy by using luminance compensation algorit
	Brightness (Typ.)	350 cd/m ²		True Color Pro	Yes
	Contrast Ratio(Original)	1000:1		Front	White
	(DFC)	Mega		Back Cover	White
	Response Time_Typ. (on/off)	14ms (Typ)		Stand	White
	(GTG)	5ms (High)		Base	White
	Viewing Angle(CR≥10)	178 / 178	STAND	Others	Deco cover : Black
	Viewing Angle(CR210)	1707170		Base Detachable	Yes
	Surface Treatment	Anti-Glare 3H		One Click stand set-up	Yes
SIGNAL INPUT	HDMI	×2 (2.0)			
	DisplayPort	x1 (1.2)		Tilt (Angle)	Yes (-3~20)
	Displayi ore	×1 (1.2)		Height (mm)	Yes (range 110mm)
	USB	USB3.0 1up 2down	CABINET	Pivot	Yes
	[Jack Location]	Rear		Monitor (with Stand)	24.2" x 8.8" x 16.8"
	-	Yes		Monitor (without Stand)	24.2" x 1.7" x 14.4"
	[Jack Location]	Rear		Box	32.8" x 18.6" x 6.6"
POWER			STANDARD	VESA® Wall Mount	100 x 100
	Туре	Adapter		Weight (with Stand)	13.7 lbs
	Input	100-240Vac, 50/60Hz		Weight (without Stand)	10.4 lbs
	Output	19V, 3.42A (65W)		Weight (Box)	23.2 lbs
	Normal On (Max)	65W		DisplayPort	Yes
	(Brightness100 + USB Load)			IEC	IEC60601-1 / IEC60601-1-2
	Sleep Mode (Max)	0.5W		FCC	FCC part 15 Class A
	DC Off (Max)	0.3W		CB / C-UL-US / CE / KC /	
FREQUENCY	H-Frequency (HDMI)	30~135kHz		RoHS / REACH / WEEE /	Yes
	V-Frequency (HDMI)	56~61Hz		UL / ANSI / AAMI	UL60601-1
	H-Frequency (Display Port)	30~83kHz	-	CISPR	IEC / EN
	V-Frequency (Display Port)	56~61Hz	ACCESSORY	EN	EN60601-1 / EN60601-1-2
	Digital (HDMI)	3840x2160		CE MDD	CE (MDD) Class I
	Display Port	3840x2160		Others	DICOM part 14
				Windows 10	
	HDMI	3840x2160			Yes
	Display Port	3840x2160		Power Cord	Yes
CONTROL KEY	Key Number (Power Key Included)	5		HDMI	Yes
		1		USB	Yes (USB3.0)
	Key Type	Joystick		Manual	Yes
	LED Color(On mode)	White		Factory Calibration Report	Yes
	LED Color(Power save mode)	White Blinking		CD-ROM	Yes (User Manual / True Color Pro/Dual controller)
	[Key Location]	Bottom		Others	Adapter
OSD	Country	Worldwide	OTHER	UPC	7 19192 60960 0
	Number of Language	17		Warranty	3-Year Limited Warranty (Parts/Labor/Backlight)
	Number of Language	17		vvariancy	5-Tear Elifited Warrancy (Farcs/Eabor/Backlight)



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SPEC_27HJ712C_111606_PR

Printed in the USA. November 2016

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