

27HJ713C-B 8MP Clinical monitor



▶ 27HJ713C-B

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



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

- DICOM Part 14, published by the National Electrical Manufacturers Association (NEMA) and the American College of Radiology (ACR), provides strict guidelines for how grayscale display function calibration and quality assurance tests should be performed on monitors used in medical imaging applications.

DYNAMIC SYNC MODE*

- Whenever scanning is performed after checking up, a lot of heavy information is created and it can be difficult to clearly get all of this information at once.

*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 reduces on-screen flickers, which helps minimize eye strain and eye fatigue. By combining flicker-safe with the proven picture quality of IPS technology, users can comfortably work throughout the day.

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

27HJ713C-B

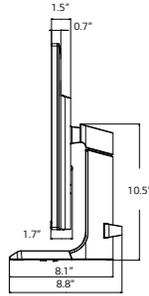
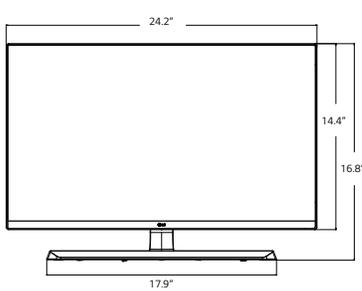
8MP Clinical monitor

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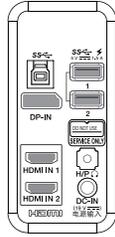
27" class (27.0" diagonal)



DIMENSIONS



JACK PACK



PANEL	MODEL	27HJ713C-B
	Size	27" class (27.0" diagonal)
	Panel Type	IPS
	Color Gamut (CIE1931)	sRGB 99%
	Color Depth (Number of Colors)	1.07 B (10bit)
	Pixel pitch (mm)	0.1554mm x 0.1554mm
	Aspect Ratio	16:9
	Resolution	3840 x 2160
	Brightness (Typ.)	350 cd/m ²
	Brightness (DICOM Calibrated)	250 cd/m ²
	Contrast Ratio (Original)	1000:1
	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)	30~135kHz
	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	27HJ713C-B
	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 1.8 ~ 2.6 / 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
	Dual Controller	Yes
	Automatic Standby	Yes
	Six Axis Control	Yes
	Smart Energy Saving	Yes (Conserve energy by using luminance compensation algorithm)
	True Color Pro	Yes
	4 Screen Split	Yes
	On Screen Control	Yes
COLOR	Front	Black
	Back Cover	Black
	Stand	Black
	Base	Black
	Others	Deco cover : Black
STAND	Base Detachable	Yes
	One Click stand set-up	Yes
	Tilt (Angle)	Yes (-5° ~ 25°)
	Height (mm)	Yes (range 150mm)
	Pivot	180°
	Swivel (Angle)	Yes (-45° ~ +45°)
CABINET	Monitor (with Stand)	615.0 x 276.1 x 546.3 mm / 24.2" x 10.9" x 21.5"
	Monitor (without Stand)	615.0 x 42.7 x 365.1 mm / 24.2" x 1.7" x 14.4"
	Box	694 x 504 x 185 mm / 27.3" x 19.8" x 7.3"
	VESA® Wall Mount	100 x 100
	Weight (with Stand)	16.5 lbs / 7.5 kg
	Weight (without Stand)	10.4 lbs / 4.7 kg
	Weight (Box)	22.7 lbs / 10.3 kg
STANDARD	FDA (US)	FDA Class I
	MFDS (Korea)	MFDS Class I
	CE MDD (EU)	CE MDD Class I
	CE (EU)	Yes
	CMDR (Canada)	Yes
	TGA/RCM (Australia)	Yes
	IEC (Global)	IEC 60601-1
	cUL (US/Canada)	ANSI/AAMI ES 60601-1 CSA CAN/CSA-C22.2 NO. 60601-1
	EN (EU) CB (EU)	EN 60601-1
	CCC (China)	Yes
	CISPR (Global)	Yes
	FCC (US)	FCC Part 15 Class A
	ICES-003	Yes
	RCM (Australia)	Yes
	Display Port	Yes
	RoHS / REACH / WEEE	Yes
	Windows 10	Yes
ACCESSORY	Power Cord	Yes (Black)
	HDMI	Yes (Black)
	Display Port (1.2)	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 62502 0
	Warranty	3-Year Limited Warranty (Parts/Labor/Backlight)

- http://www.lg.com/us/business/commercial-display
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