

# 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

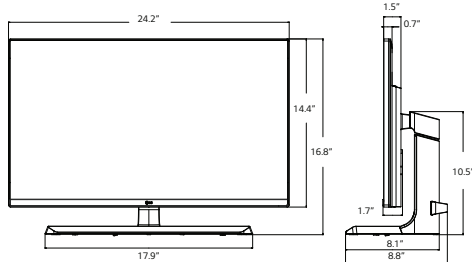
# 27HJ713C-B

## 8MP Clinical monitor

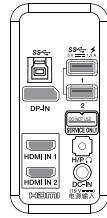
▶ 27HJ713C-B  
27" class (27.0" diagonal)



### 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 <sup>2</sup>
Brightness (DICOM Calibrated)		250 cd/m <sup>2</sup>
Contrast Ratio (Original)		1000:1
Response Time Typ. (on/off) (GTG)		14ms (Typ) 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) (Brightness 100 + 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 60601-1-1 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
UPC		7 19192 62502 0
OTHER		
Warranty		3-Year Limited Warranty (Parts/Labor/Backlight)



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