

19HK312C-B 1.3 MP Clinical Review Monitor

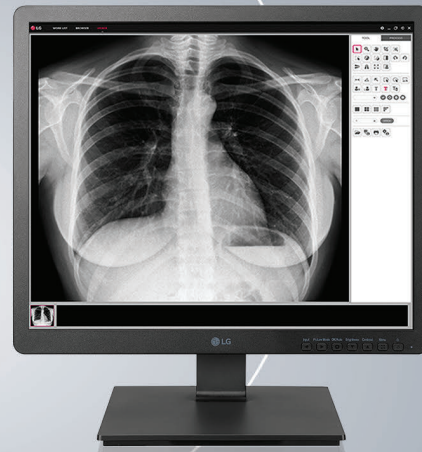


▶ 19HK312C-B

19" class (19" Diag.)

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

1.3MP IPS DISPLAY & 330 NITS WITH NTSC 72%

- The 19-inch 1.3MP 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 1280 x 1024

Contrast Ratio 900:1

14ms(Typ.) Response Time

Six Axis Control

Brightness Stabilization

Flicker Safe

Picture Mode

Reader Mode

VESA™ Compliant Wall Mountable

3-Year Limited Warranty Parts/Labor/Backlight

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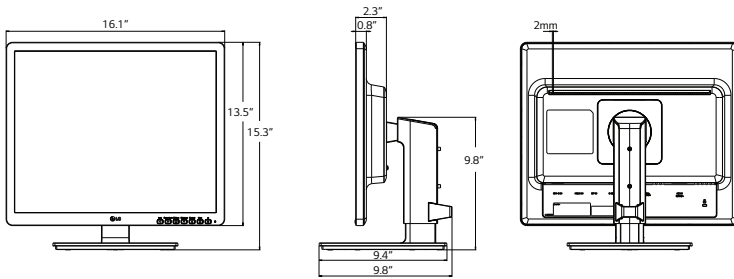
1.3 MP Clinical Review Monitor

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19" class (19" Diag.)



DIMENSIONS



PANEL	MODEL	19HK312C-B
	Size	19" class (19" Diag.)
	Panel Type	IPS
	Color Gamut (CIE1931)	NTSC 72%
	Color Depth (Number of Colors)	16.7M (8bit)
	Pixel pitch (mm)	0.294mm x 0.294mm
	Aspect Ratio	5:4
	Resolution	1280 x 1024
	Brightness (Typ.)	330 cd/m ²
	Contrast Ratio(Original)	900:1
	(DFC)	Mega
	Response Time_Typ. (on/off)	14ms (Typ)
	(GTG)	5ms (Faster)
	Viewing Angle(CR≥10)	178 / 178
	Surface Treatment	Anti-Glare 3H
SIGNAL INPUT	HDMI	x1 (1.4)
DisplayPort	x1 (1.2)	
D-Sub	x1	
DVI-D	x1	
USB	USB3.0 1up 2down	
[Jack Location]	Rear	
POWER	Type	PSU (Internal Power)
Input	100-240Vac, 50/60Hz	
Output	24V 2.1A	
Normal On (Max) (Brightness100 + USB Load)	50W	
Sleep Mode (Max)	0.5W	
DC Off (Max)	0.5W	
HDMI AND DP FREQUENCY	H-Frequency (D-Sub)	30-83 kHz
V-Frequency (D-Sub)	56-75 Hz	
H-Frequency (DVI-D)	30-83 kHz	
V-Frequency (DVI-D)	56-75 Hz	
FREQUENCY	D-Sub	30-83 kHz
DVI-D	56-75 Hz	
HDMI	30-83 kHz	
Display Port	56-75 Hz	
RESOLUTION	Digital (HDMI)	1280 x 1024
Digital (DVI-D)	1280 x 1024	
HDMI	1280 x 1024	
D-Sub	1280 x 1024	
CONTROL KEY	Key Number (Power Key Included)	7
Key Type	Tact	
LED Color(On mode)	Green	
LED Color(Power save mode)	Green Blinking	
[Key Location]	Front	
OSD	Country	Worldwide
Number of Language	17	

SPECIAL FEATURE	MODEL	19HK312C-B
Picture Mode		Yes
ORIGINAL RATIO		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 / 7500K / 9300K, Manual (5000K - 10000K)
DICOM Mode		Yes (Kδ <= 10%)
Factory Calibration		Yes (Delta E≤5, 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
DDC/CI		Yes
HDCP		Yes
Key Lock		Yes
Plug & Play		Yes
Response Time Control		Yes
DPM		Yes
Color Calibrated		Yes
User Preset		Yes
Dual Controller		Yes
Flicker Safe		Yes
Automatic Standby		Yes
Six Axis Control		Yes
Smart Energy Saving		Yes
True Color Pro		Yes
4 Screen Split		Yes
On Screen Control		Yes
COLOR	Front	Black
Back Cover	Black	
Stand	Black	
Base	Black	
STAND	Base Detachable	Yes
One Click stand set-up	Yes	
Tilt (Angle)	Yes (-5° ~ 35°)	
Swivel	Yes (-177.5° ~ +177.5°)	
Height (mm)	Yes (range 130mm)	
Pivot	Yes (-90~0~+90)	
CABINET	Monitor (with Stand)	16.1" x 9.8" x 15.3"
Monitor (without Stand)	16.1" x 2.3" x 13.5"	
Box	47.5" x 50.4" x 19.9"	
VESA® Wall Mount	100 x 100	
Weight (with Stand)	11.2 lbs	
Weight (without Stand)	6.4 lbs	
Weight (Box)	16.3 lbs	
STANDARD	FDA (US)	FDA Class I
CE (EU)	Yes	
CMDR (Canada)	Yes	
cUL (US/Canada)	ANSI/AAMI ES 60601-1 CSA CAN/CSA-C22.2 NO. 60601-1	
IEC (Global)	IEC60601-1	
FCC	FCC part 15 Class A	
RoHS / REACH / WEEE	Yes	
EN (EU) and CB (EU)	EN60601-1	
CE MDD (EU)	CE (MDD) Class I	
CCC (China) / CISPR (Global) / ICES-003 / CE (EU) / RCM (Aus)	Yes	
Others	DICOM part 14	
Windows 10	Yes	
ACCESSORY	Power Cord	Yes (5.9 ft)
D-Sub	Yes	
DVI-D	Yes	
HDMI	Yes	
USB	Yes (USB3.0)	
Display Port (1.2)	Yes	
Manual	Yes	
Factory Calibration Report	Yes	
Warranty Card	Yes	
CD-ROM	Yes (User Manual/True Color Pro/Dual Controller/On Screen Control 2.0)	
Others	Adapter	
OTHER	UPC	7 19192 61760 5
Warranty	3-Year Limited Warranty (Parts/Labor/Backlight)	

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E-mail: info@LGSolutions.com

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