

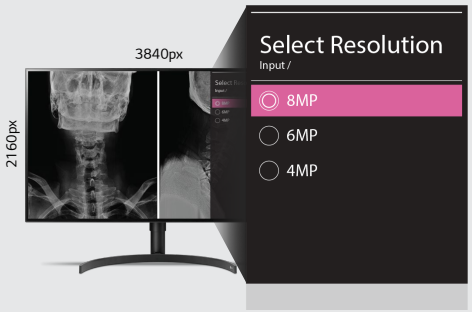
31.5-inch 8MP Diagnostic Monitor

| 32HL512D |

Optimized Image Quality for Every Device

Multi Resolution Option (8/6/4MP)
31.5” 8MP (3840x2160) IPS Display | 178° Wide Viewing Angle

The 32HL512D offers 8MP, 6MP and 4MP resolution options to provide optimized image quality for various modalities. Convenient access to resolution settings for different needs such as CR, CT, and endoscopy, makes it easier to select optimal image viewing conditions. In addition, the large 31.5-inch 8MP IPS display allows medical professionals to easily distinguish even delicate details such as CT and angiography. With its wide viewing angle, the IPS panel can provide clear images from all angles with minimal distortion.



Efficient Diagnostic Data Management

PBP | Dual Controller

The 2PBP feature allows medical professionals to view images from multiple devices at once. With Dual Controller, easily view and review images from multiple devices connected conveniently to one single screen. You can review and handle patient and clinical information simultaneously, while maximizing work efficiency.



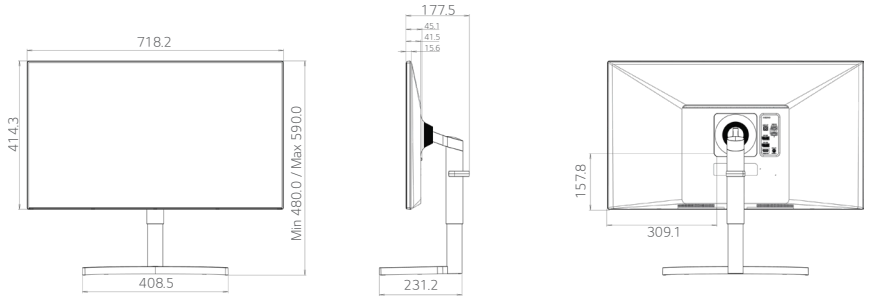
Optimized Screen for Diagnostic Review

Pathology Mode | Auto Luminance Calibration

In the clinical pathology mode, the 32HL512D reproduces the same detail and accurate color shown under a microscope directly onto the monitor, to help healthcare professionals make more accurate diagnoses. Also, with an Auto Luminance Calibration Feature, the LG Diagnostic Monitor maintains the same level of brightness for the consistency of medical images. These features help make a more accurate diagnosis with an optimized screen.



Specification

Model		32HL512D
		
Panel	Type	IPS
	Size (Aspect Ratio)	31.5" (16:9)
	Resolution	8MP (3840 x 2160)
	Pixel Pitch	0.18159mm x 0.18159mm
	Surface Treatment	Anti-glare
	Color Gamut (Typ.)	DCI-P3 98% (CIE1976)
	Viewing Angles (CR≥10)	178° (Right/Left), 178° (Up/Down)
	Brightness (Typ.)	450cd/m² (Typ.)
	Contrast Ratio	1300:1 (Typ.)
	Response Time (GtG*)	14ms (Off- setting), 5ms (Faster- setting)
Feature	DICOM	DICOM Compliant
	Factory Calibration	Yes (Delta E<5, Gamma 1.8~2.6/DICOM curve)
	HDR	HDR 10
Video Signals	Input Terminals	HDMI x1 / DisplayPort x2
USB		1 upstream, 2 downstream
Power	Power Requirements	100-240Vac, 50-60Hz
	Power Consumption (Max.)	65W
Certifications & Standards		IEC (IEC 60601-1 / IEC 60601-1-2), EN (EN 60601-1 / EN 60601-1-2), cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1), FCC (FCC part 15 Class A), FDA (510(k) Class II), CE, RoHS, REACH, WEEE
User Convenience	PBP /PIP	2PBP
Physical Specifications	Weight (with stand)	7.3 kg (16.09 lbs)

*GtG : Gray to gray response time

LG Electronics Inc.
http://www.lge.com

Copyright © 2019 LG Electronics. All Rights Reserved.