

31.5-inch 8MP Diagnostic Monitor

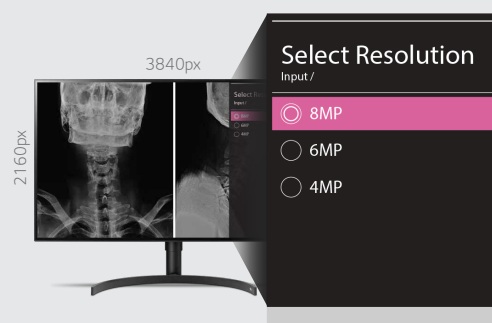
| 32HL512D |

Optimized Image Quality for Every Device

Multi-resolution Mode (8/6/4MP)

31.5-inch 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 conveniently to one single screen, keyboard, and mouse. You can review patient information and clinical info simultaneously, maximizing work efficiency.



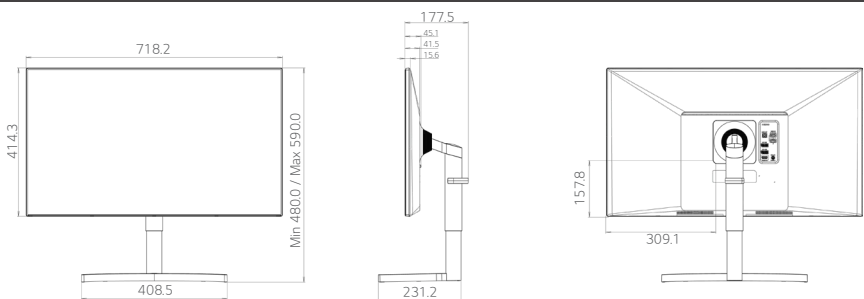
Optimized Screen for Diagnostic Review

Pathology Mode | 4-Side Virtually Borderless Design

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, its 4-Side Virtually Borderless Design provides a more immersive visual experience for diagnosis.



Specification

Model		32HL512D
		
Panel	Panel Type	IPS
	Inch (Aspect Ratio)	31.5-inch (16:9)
	Resolution	8MP (3840 x 2160)
	Surface Treatment	Anti-glare, 3H
	Color Gamut (Typ.)	DCI-P3 98% (CIE1976)
	Viewing Angles (CR≥10)	178° (Right/Left), 178° (Up/Down)
	Brightness (Typ.)	450cd/m ²
	Contrast Ratio (Typ.)	1300:1
Feature	Response Time (GTG*)	14ms (Off- setting), 5ms (Faster- setting)
	DICOM Compliant	Yes
	HW Calibration	Yes (PerfectLum)
	HDR	HDR 10, HDR Effect
Video Signals	Input Terminals	HDMI x1, DisplayPort x2
Connectivity	USB	1 upstream, 2 downstream
Power	AC Input	100-240Vac, 50-60Hz
	Power Consumption (Max.)	65W
	Power Consumption (DC Off)	Less than 0.3W
Certifications & Standards		IEC(IEC 60601-1 / IEC 60601-1-2), EN(EN 60601-1 / EN 60601-1-2) IEC(IEC 60950-1 / IEC 55032, 55024), EN (EN 60950-1 / EN 55032, 55024) 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)), RoHS, REACH, WEEE
User Convenience	PBP / Dual Controller	Yes (2PBP) / Yes
	Reader Mode / Flicker Safe	Yes / Yes
Physical Specification	Weight (with stand)	7.0 kg (15.4 lb)
	Weight (without stand)	5.6 kg (12.4 lb)
	Borderless Design	4-Side Virtually Borderless Design
	Adjustable Stand	Tilt : -5~20°, Height Range : 110mm, Pivot : ±90°

*GTG : Gray to gray response time



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