



# 21.3-inch 3MP Diagnostic Monitor

| 21HK512D |

## Optimized Image Quality for Diagnostic Review

**3MP (2048x1536) IPS Display | 1000cd/m<sup>2</sup>(Typ.)**

The 21.3-inch 3MP IPS display with 1000cd/m<sup>2</sup>(Typ.) brightness facilitates precise diagnoses of medical images from CT and Angiography, as it allows medical professionals to easily distinguish even delicate detail. Plus, it enhances the visibility of text and illuminates obscure abnormal findings through high brightness with drastic contrast.



## Reliable Image for Diagnosis

**HW Calibration | Front Sensor**

The 21HK512D front sensor allows for self-calibration without the need for additional measuring equipment. Additionally, HW calibration stabilizes image quality, increasing efficiency and productivity, cutting down on additional operating costs and manpower.

**DICOM\* Part 14**

To ensure the most accurate, consistent shading possible for medical images, the LG Diagnostic Monitor measures and sets every grayscale tone on the production line to produce a monitor compliant with DICOM Part 14.

\*DICOM: Digital Imaging and Communications in Medicine.

DICOM Part 14



Conventional



## Productive, Efficient Work

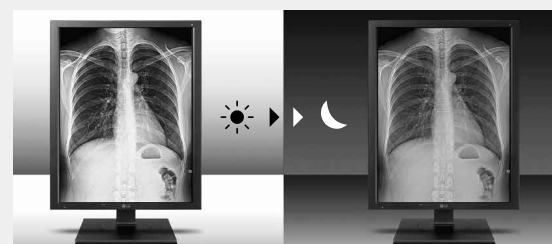
**Presence Sensor**

The 21HK512D features a presence sensor which detects when a user steps away from the screen and turns the monitor off automatically to reduce power usage. This allows you to save power during inactive periods and removes the hassle of manually turning the monitor on and off.

**Auto Luminance Sensor**

The 21HK512D features an Auto Luminance Sensor which automatically adjusts screen brightness according to the ambient lighting conditions. As a result, LG Diagnostic Monitors reduce eye strain by ensuring screen brightness is always set to the optimal level.

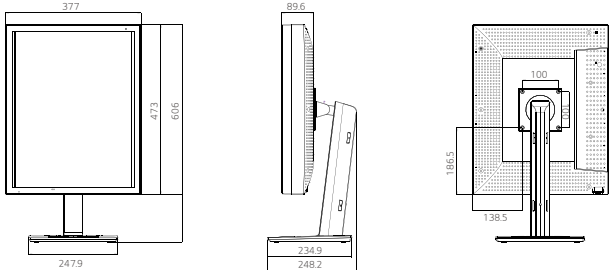
With Auto Luminance Sensor



**Ergonomic Stand : Pivot, Tilt, Swivel, Height Adjustment**

The 21HK512D has an ergonomic stand that allows you to easily control the pivot, tilt, swivel and height for a more comfortable display.

# Specification

Model		21HK512D
		
Panel	Panel Type	IPS
	Inch (Aspect Ratio)	21.3-inch (4:3)
	Resolution	3MP (2048 x 1536)
	Surface Treatment	Anti-glare
	Color Gamut (Typ.)	NTSC 72% (Coverage)
	Viewing Angle (CR≥10)	178°(Right/Left), 178°(Up/Down)
	Brightness (Typ.)	1000cd/m <sup>2</sup>
	Contrast Ratio (Typ.)	1400:1
	Response Time	On/Off 30ms (Typ.)
Feature	DICOM Compliant	Yes
	HW Calibration	Yes (PerfectLum) with Internal Front Sensor
	Brightness Stabilization	Yes
	Presence Sensor	Yes
	Auto Luminance Sensor	Yes
Video Signals	Input Terminals	DVI x1, DisplayPort x1
Connectivity	USB	1 upstream, 2 downstream
Power	AC Input	100-240Vac, 50/60Hz
	Power Consumption (Max.)	85W
	Power Consumption (DC Off)	Less than 6.5W
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
Physical Specifications	Weight (without stand)	7 kg (15.4 lb)
	Weight (with stand)	9.8 kg (21.6 lb)
	Adjustable Stand	Tilt : -5~25°, Swivel : ±45, Height Range : 150mm, Pivot : ±90°



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