21HK512D High Brightness 3MP Color Diagnostic Monitor

HEALTHCARE

▶ **21HK512D**

21" Class (21.3" Diagonal)

A COLOR DISPLAY OPTIMIZED FOR X-RAY VIEWING
This 21.3-inch 3MP monitor with 1,000 cd/m² brightness is the ideal size and resolution for the diagnosis of images from various medical imaging modalities. With built-in calibration, QA and backlight monitoring, the 21HK512D diagnostic monitor provides accuracy and visual confidence.

Images on screen are simulated

IPS   Wide Viewing Angle   DICOM

FEATURES

REMOTE & SELF CALIBRATION
• Built-in front light sensor to perform hands-free calibration and quality control which increases productivity and efficiency by reducing operating cost or manpower.

STABLE GRAYSCALE IMAGES
• DICOM Part 14 GSDF calibrated so grayscale levels will not be missed during critical diagnosis. Plus, 18-bit LUT (Look Up Table) precision to provide smooth grayscale transitions between LUT values.

AUTOMATIC BRIGHTNESS STABLIZATION
• Auto Luminance sensor dynamically measures the backlight brightness level and automatically compensates for brightness fluctuations caused by aging for consistent DICOM conformance during the lifetime of the monitor.

FLEXIBLE, FUNCTINAL DESIGN
• The Ergonomic Stand with pivot adjustment allows the user to create an optimized diagnostic workspace by tilting monitors inward to provide improved viewing in 2 or 4 display configurations.

SPECIFICATIONS

Designed Specifically for Medical Diagnostic Reading

DICOM Part 14 GSDF

Color Gamut: 72% of NTSC

Resolution 2048 x 1536

Brightness 1000 cd/m² (Typ)

Contrast Ratio 1400:1

Response Time 30ms (Typ)

178° x 178° viewing angles

Tilt/Swivel/Height/Pivot Adjustable

VESA Compliant Wall Mountable

TAA Compliant

FDA 510(k) Class II

3-Year Limited Warranty (SWAP)

LG

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MODEL NUMBER	21HK512D
Screen Size	21.3"
Panel Type	IPS
Maximum Resolution	2048 x 1536
Housing & Stand Color	Black
Aspect Ratio	4:3
Pixel Pitch	0.2115 (H) x 0.2115 (V)
Brightness (Typ)	1000 cd/m²
Brightness (DICOM Calibrated)	500 cd/m²
Color Gamut (Typ)	NTSC 72%
Color Depth	1.07 B
Color Bit	10bit
Contrast Ratio (Typ)	1400:1
Response Time	30ms
Viewing Angle (H/V)	178° / 178°
Surface Treatment	Anti-Glare
Factory Calibration	Yes
HW Calibration	Yes
DICOM	Yes (< = 10%)
Color Temperature	6500K / 7500K / 9300K
Features	Auto Brightness, Brightness Stabilization, Uniformity Compensation
Sensors	Front, Rear, Presence, Ambient Light
Display Inputs	DVI, Display Port, USB (1 Up, 2 Dn)
Speaker	No
Power Type	Internal Power
AC Input	100-240Vac, 50/60Hz
DC Output	24V, 4.17A
Power Consumption - Typ/Max/Sleep	85W/100W/Less than 6.5W
Stand Position Adjustments	Tilt/Swivel/Height/Pivot
Wall Mountable	100mm x 100mm
Mechanical Power Switch	Yes
Kensington Lock	No
Base Detachable	Yes
OneClick Stand	No
Unit Dimensions w/stand (WxDxH), weight	14.8" x 23.9" x 9.8" / 15.4 lbs
Unit Dimensions w/o stand (WxDxH), weight	14.8" x 18.6" x 3.5" / 21.6 lbs
Shipping Dimensions (WxDxH), weight	19.8" x 27.6" x 13.7" / 28.2 lbs
TAA Compliant	Yes (Korea)
EPEAT® Certification (Bronze, Silver, Gold)	No
Energy Star (EPA)	No
FDA	510(k) (Class II)
CE MDD	Registration (Class I)
Standards & Certifications	ROHS, REACH, WEEE, IEC (IEC 60601-1/IEC 60601-1-2, EN (EN 60601-1/EN 60601-1-2), FCC Part 15 Class A, cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 No. 60601-1), ISO 13485
Accessories	Power Cord (Black/10ft), DVI-D (Black/10ft), Display Port (Black/10ft), Manual, LG PerfectLum, Factory Calibration Report
Limited Warranty	3 Years (SWAP)
UPC Code	7 19192 63257 8

IPS   Wide Viewing Angle   DICOM

LG