



21.3-inch 5MP IPS Diagnostic Monitor

21HQ613D



Essential Display for Reliable Breast Imaging

Accurate Imaging

Having received FDA 510 (K) Clearance for General Radiology, Digital Mammography and Breast Tomosynthesis, 21HQ613D ensures the optimized display for breast imaging. With a brightness of 1,100 cd/m² and a contrast ratio of 1,800:1, 21HQ613D accurately showcases high definition mammography and breast tomosynthesis images. Moreover, this monitor vividly presents color images including breast MRI, CT scans and ultrasound, ensuring versatile performance across various medical imaging modalities.



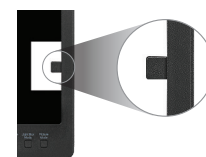
Multi-Resolution Mode (5/3/2MP)

The various resolution modes (5, 3, 2MP) of the 21HQ613D allow users to customize their resolution to better fit their respective needs.



Internal Front Calibration Sensor

The front-sensor allows calibration without the need for additional measuring equipment. The front sensor helps image quality to remain stable.



Focus View Mode | Pathology Mode

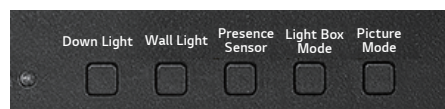
The Focus View Mode allows you to review specific parts of a medical image closely. Using just your mouse and keyboard, you can quickly select and focus on areas of concern while darkening the rest of the screen. Additionally, the Pathology Mode provides image clarity and accuracy as if you were looking at a microscope.



Streamlined and Efficient Workflow

5 Hot Keys

The 5 Hot Keys of 21HQ613D make changing between screen modes easier and more intuitive than operation through an OnScreen menu. They provide easy and fast ways to operate while working, allowing you to change mode, screen resolution, and lighting settings without disrupting your workflow.



Presence Sensor

21HQ613D features a Presence Sensor that automatically turns off the display when no motion is detected for 5 minutes. This reduces power consumption when not in use and eliminates the hassle of manually turning the display on and off.



Daisy Chain

21HQ613D supports Daisy Chain Setup which enables you to reduce clutter on your desk and simplify cable management, leading to a productive workspace.



User Convenience

User-friendly Monitor Stand with Bi-Directional Auto Pivot Support

21HQ613D is designed to be adjustable for the posture of users' image review. The ergonomically designed stand allows users to freely adjust the tilt, height, and swivel. It also features a bi-directional auto pivot function for added flexibility.



Down / Wall Light | Auto Luminance Sensor

Down / Wall Light Modes assist users to read documents below the monitor, even in dark rooms. Additionally, the Auto Luminance Sensor ensures screen brightness to be properly set for the ambient lighting.

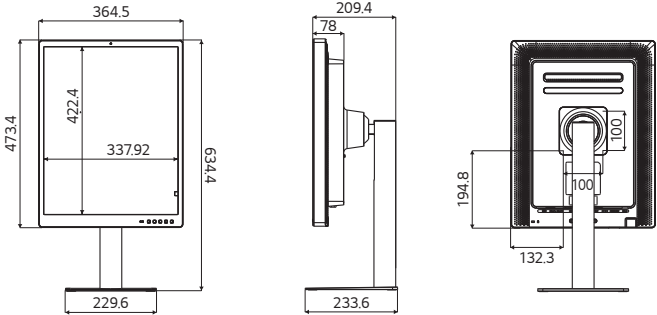


* All images are shown for illustrative purposes only and may vary from the actual product / usage.

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Specification

21HQ613D		
Model		
Panel	Panel Type	IPS
	Inch (Aspect Ratio)	21.3-inch (4 : 5)
	Resolution	5MP (2,048 x 2,560)
	Surface Treatment	Anti Glare
	Color Gamut (Typ.)	NTSC 72% (CIE1 931)
	Viewing Angle (CR≥10)	178° (Right / Left), 178° (Up / Down)
	Brightness (Typ.)	1,100 cd/m²
	Brightness (Stabilization)	600 cd/m²
	Color Bit	10 bit
	Contrast Ratio	1,800 : 1
	Response Time (GtG*)	5 ms (GtG at Faster)
Feature	DICOM Compliant	Yes
	HW Calibration	Yes
	Picture Mode	Custom, Mono, Pathology, Text, DICOM, DICOM (Custom) Calibration 1, Calibration 2
	Super Resolution+	Yes
	Multi Resolution Mode	Yes (5MP / 3MP / 2MP)
	Focus View Mode	Yes
	Light Box Mode	Yes
Video Signals	Input Terminals	DisplayPort x 2, DVI-D (Dual Link) x 1
	Output Terminals	DisplayPort x 1 (Daisy Chain, 5MP / @48 Hz)
Connectivity	USB	USB 3.0 2 Upstream, 2 Downstream
Power	AC Input	100 - 240 Vac, 50 / 60 Hz
	Power Consumption (Max.)	65 W
	Power Consumption (DC Off)	Less than 0.3 W
User Convenience	Dual Controller	Yes
	Reader Mode / Flicker Safe	Yes
	Lighting	Yes (Down / Wall)
	Hot Key	Yes (5 Keys)
	Presence Sensor	Yes
	Auto Luminance Sensor	Yes
	Front Sensor (Built-in Calibration)	Yes
Physical Specification	Weight (with Stand)	7.85 kg
	Weight (without Stand)	5.45 kg
	Adjustable Stand	Pivot (Bi-Directional), Swivel (±15°), Tilt (-5° ~ 20°), Height (110 mm)
	Wall Mount Size	100 x 100 (mm)

* GtG : Gray to gray response time

** Specifications may vary by region and all features, standards, and other product specifications are subject to change without notice or obligation.



LG Electronics Inc.

<https://www.lg.com/global/business/virtual-showroom/medical-display>
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