



Medical Color Monitor for Mammography

Uniformity	QA	Human Detection	Radiology &
Pathology	High Brightness	16-bit LUT	3D LUT
Dual-screen	Color Temperature	Electrical stand	Ambient Light
Keyboard Light	SmarTouch	Lightbox	Spotlight
Text	CGA		

12MP dual-screen medical-grade color monitor. With seamless dual-screen, Full Screen Uniformity, 16-bit and 3D LUT, 10-bit color depth, medical images are accurate and consistent. Electric Rotatable Front Sensor together with Jusha QA software guarantees long-term quality. Other shortcuts help users boost their productivity.

Product Features

1. Full Screen Uniformity

Through the pixel-by-pixel full-screen brightness uniformity calibration, the difference in brightness and color temperature of different screen areas caused by the characteristics of the liquid crystal panel can be effectively reduced. Ensure that any area of the entire screen conforms to the DICOM standard, which can significantly reduce missed and misjudged diagnosis.

2. Jusha QA Compatible

Users can check and calibrate the monitor status by themselves, removing the side effects from panel's aging, which prolongs the lifespan of the monitor and achieving more accurate image.

3. Human Detection

Human detection feature will turn off the monitor when no person is presented. This prolongs the monitor's life cycle, and helps save energy.

4. Electric Rotatable Front Sensor

Invisible electric rotatable front sensor maximizes the screen-to-body ratio on the front of the display, pursuing a perfect balance between practicality and comfort.

5. Radiology and Pathology Mode

Set accurate and corresponding display calibration curves for different application scenarios to make diagnosis faster and more accurate, and make pathological detection more efficient. A single monitor can meet different standards for radiological and pathological images.

6. High Brightness

Brightness is one of the most important performance indicators of medical displays. High brightness can achieve a larger dynamic range and more gray-scale details, which can help locate the lesion and improve the accuracy of diagnosis.

7. 16-bit LUT

The 16-bit lookup table further reduces the DICOM error, and the distinction between two adjacent gray scales is more obvious, which is conducive to the diagnosis of the early lesion tissue with the smallest gray scale difference from the normal tissue.

8. 3D LUT

The 3D LUT reveals the accurate color points in the three-dimensional color space, and can handle all display calibration issues, from simple gamma values, color ranges and tracking errors, to correction of advanced non-linear properties, color crosstalk (decoupling), Hue, saturation, brightness, etc.

9. Integrated Dual-screen

This technology can display images from two signals on one display, eliminating the problem of inconsistency between the two screens caused by the difference of the screen itself, giving the final image result more accurate and perfect.

10. Color Temperature Calibration

Multiple color temperature provides user options for best personal preference.

11. Electrical Height Adjustment

Stable and reliable motor adjustment. The display can be adjusted to a comfortable height only by pressing the button with one finger.

12. Ambient Light Adaptive

The monitor measures the ambient light in real time, and adjusts the display accordingly to ensure accurate diagnosis.

13. Keyboard Light

The bottom side of the monitor is equipped with a controllable keyboard light, and the color temperature is matched with reference to the standard reading environment to reduce the irritation to the doctor's eyes and does not affect the display of medical images on the monitor. It also illuminates the keyboard, which is convenient for doctors to write reports.

14. SmartTouch

Medical image diagnosis usually requires high brightness, and long-term use of high-brightness displays will damage your eyesight. In order to solve this problem, we provide a one-key brightening function. You can use a simple shortcut key to switch the

Specification

Model No.	C1210G
Backlight	LED
Diagonal Size	31"
Resolution	4200×2800
Viewing angle	≥178° (CR>10)
Maximum brightness (typ)	1200 cd/m ²
Contrast (typ)	1500:1
Color (LUT)	281.47Trillion Colors(16bit)
Panel Color Depth	10bit
Sensor	Backlight sensor front sensor human body sensor ambient light sensor temperature sensor
Maximum DICOM calibrated brightness	800cd/m ²
LUT	DICOM GAMMA2.2 GAMM2.4 CT/MRI-JS DSA DSI Bypass
Video signal	DPx2
Power requirement	AC 100-240V
Standard power	150W
Shell color	Black glass silver front frame and black back cover
Dimension with base	701.3mm×589mm (+65) ×245mm
Dimension without base	701.3mm×500mm×86.8mm
Net weight (without base)	17.6kg(without base stand) 6.5kg(electrical stand)
Installation standard	VESA: 100×100mm

display brightness between normal and maximum, providing great convenience for your work.

15. Spotlight Mode

Spotlight feature helps doctor to focus on certain area, better analyze tiny details.

16. HDMI Loop Output

4K HDMI loop output provides great convenience for large meeting and teaching.

17. Text Mode

Based on integrated dual screen, one signal can be set to text mode for browsing web pages and writing reports, and the other signal can be used for diagnosis meeting medical standards.

18. CGA

CGA technology automatically distinguishing the color and monochrome image, and apply the corresponding calibration standard, guarantees both the color and monochrome image are showing accurately.

19. Energy Efficient

With minimum power consumption of 0.5W, the monitor is eco-friendly and energy-saving, the LED backlight lifespan is also longer.



Jusha medical display serves over 2 billion patients

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