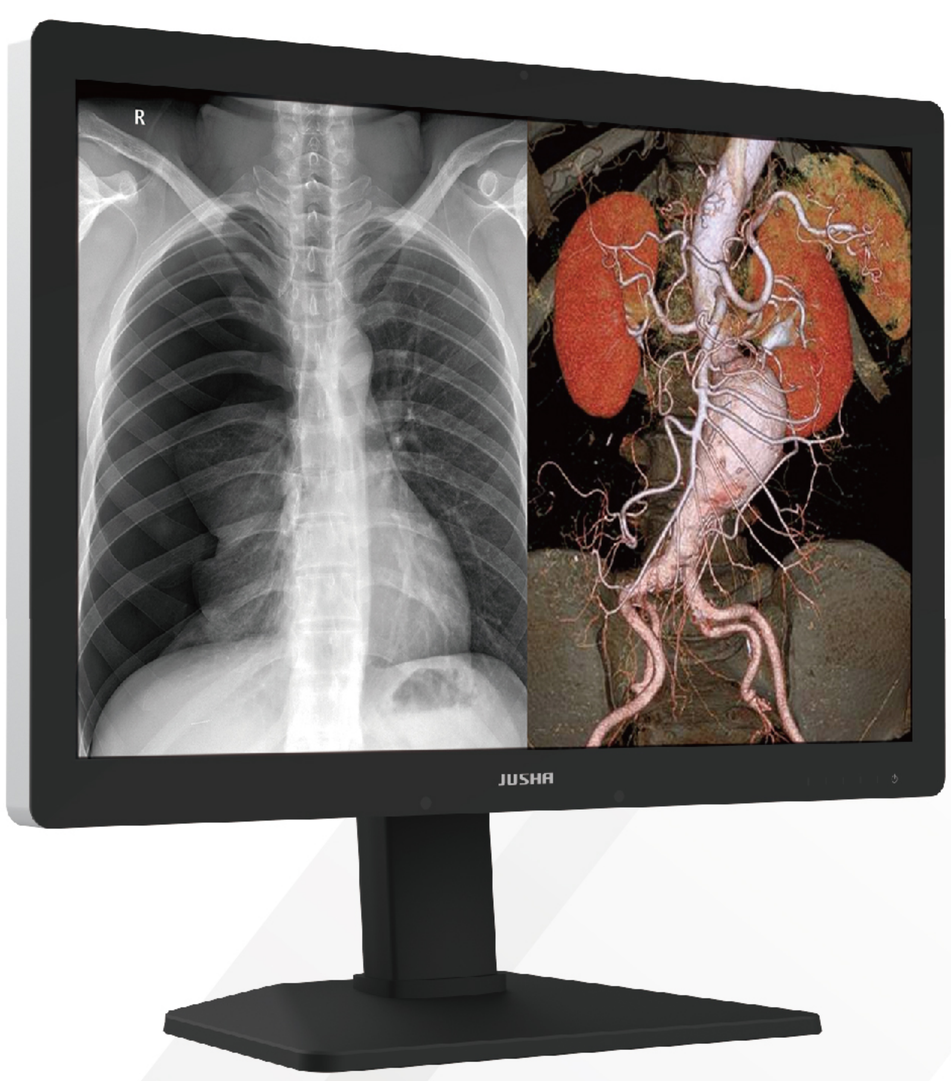
JUSHA

C630G

6MP/Color/Diagnostic



Medical Display

DICOM	Uniformity	QA	Front Sensor
Human Presence	16-bit LUT	Dual-screen	Independent Setup
Daisy Chain	SmarTouch	Lightbox	Spotlight
Energy Efficient			

6MP dual-screen medical-grade color monitor. With seamless dual-screen, Full Screen Uniformity, 16-bit LUT and 10-bit color depth, medical images are accurate and consistent. Build-in sensor together with Jusha QA software guarantees long-term quality. Other shortcuts help users boost their productivity.

Jusha medical display serves over 2 billion patients

JUSHA DISPLAY TECHNOLOGY CO.,LTD
www.jusha.com.cn International@jusha.com.cn

Product Features

1.DICOM Calibration

Complying with DICOM 3.14 standard and equipped with dynamic LUT, the monitor is ensured to meet the DICOM error requirements at any brightness, contrast, and color temperature, improves the accuracy and stability of lesion diagnosis.

2. 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.

3. 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.

4. Integrated Front Sensor

The user can customize the black point brightness, white point brightness and environmental brightness of the DICOM curve according to the actual environment and diagnosis requirements. Build-in sensors measure the current display brightness in real time, enabling the monitor automatically adjusted to the best status, and complying with DICOM standard any time.

5. 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.

6. 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.

7. 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.

8. Independent Dual Input Setup

You can change the image setting of different video source independently, such as calibration mode, resolution, color depth. Different image mode meeting various requirement.

9. Daisy Chain

This technology connect a series of monitors to a single video output port on a computer or docking station, without tedious wiring work, and can reduce desktop clutter and cable management.

10. Ambient Light Adaptive

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

11. SmarTouch

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

12. Lightbox Mode

The Lightbox Mode can increase the brightness of the monitor to peak value, which can replace the traditional Lightbox for film reading and increase work efficiency.

13. Spotlight Mode

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

Specification

Model No.	C630G
Backlight	LED
Size	30"
Active Display	645.5(H)×403.0(V)mm
Resolution	3280×2048
Pixel Pitch	0.197×0.197mm
Ton+Toff Response Time	30ms(15ms+15ms)
Maximum brightness	1050cd/m²
Contrast Ratio	1000:1
LUT depth	281.47Trillion Colors(16bit)
View angle	≥170° (CR≥10)
Sensor	Backlight Front Presence Ambient Light Temperature Sensor
Maximum calibrated brightness	500cd/m²
Gamma presets	DICOM Presets and GAMMA GSDF
LUT	DICOM GAMMA2.2 GAMMA2.4 DSA DSI CT/MRI
Interface	Input: DVI-D×1、DP×2 Output: DP×1 (Daisy chain)
Power Requirements	24VDC 9.2A
Max Power Consumption	150W
Typical Power Consumption	110W
Cabinet color	Matte black
Dimensions	705mm×567mm×262mm
Dimensions (Without Stand)	705mm×477mm×77mm
Net Weight	19.8 Kg
Net Weight (Without Stand)	15.6 Kg
Hole Spacing	VESA: 100×100mm
Osd Languages	Chinese,English

14. 10-bit Color Depth

This makes color transition smoother, minimized the error in adjacent color. The whole image looks more delicate.

15. Energy Efficient

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

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Unit A, 8F, 301 Hanzhongmen Street, Nanjing, Jiangsu, China

www.jusha.com.cn International@jusha.com.cn

+86/25/83305050