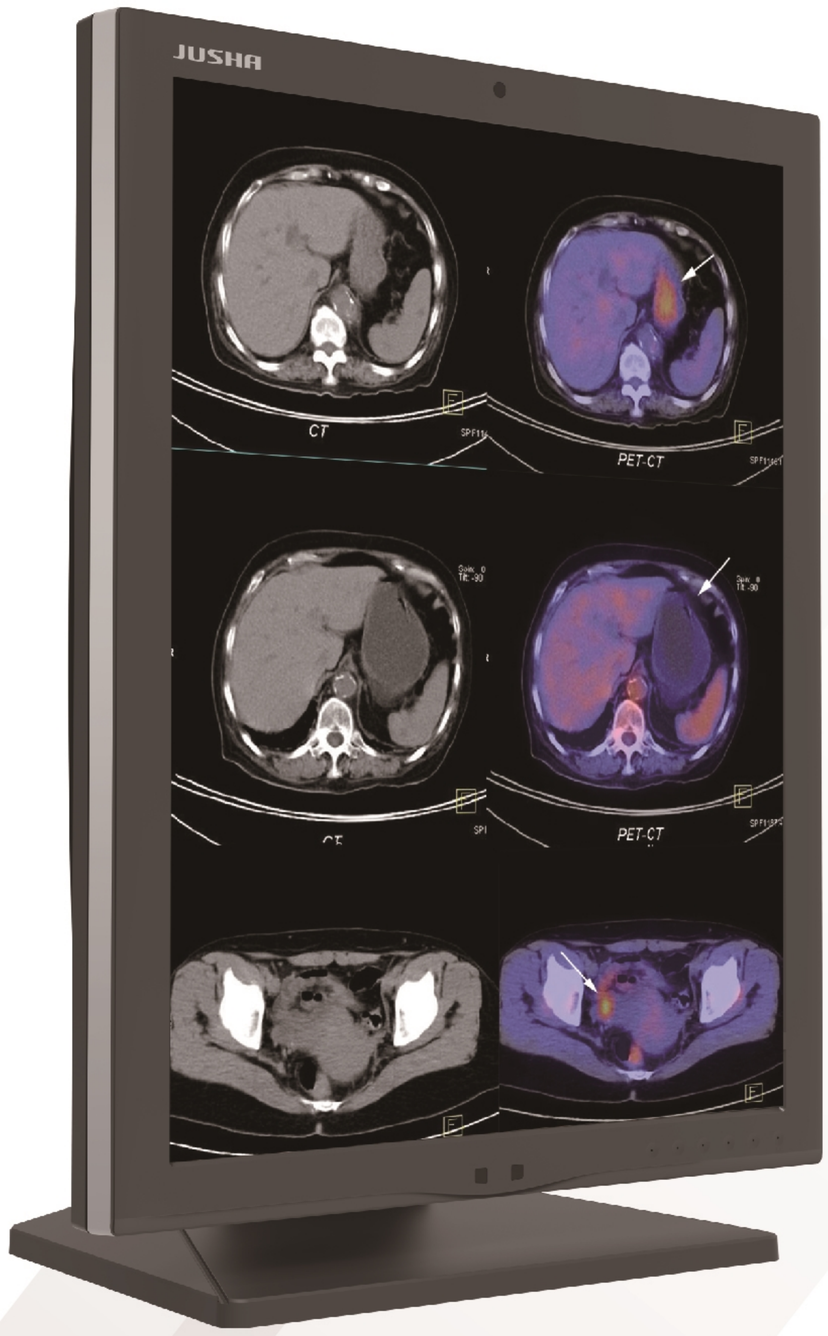
JUSHA

C350G

3MP/Color/Diagnostic



Jusha 3MP Color Medical Diagnostic Display

DICOM	Uniformity	QA	Front Sensor
Human Detection	16-bit LUT	3D LUT	Shark Gill
Multi-stance Stand	Daisy Chain	Ambient Light	SmarTouch
Lightbox	Spotlight	10-bit	CGA
Energy Efficient			

3MP Medical-grade color monitor. With 16-bit and 3D LUT, 10-bit color, Full Screen Uniformity, build-in sensor and QA software, the monitor is quality guaranteed all the time. Color display allows you see more than just black and white. Various shortcut to boost your workflow.

Jusha medical display serves over 2 billion patients

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Product Features

1. 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.

2. 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.

3. 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.

4. 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.

5. Ambient Light Adaptive

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

6. 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.

7. 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.

8. 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.

9. 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.

10. Shark Gill Design

Award winning Shark Gill outlook design fuse the shark elements into product, achieving a modern and polished look.

11. Energy Efficient

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

12. Multi-stance Stand

You can easily change the angle and height of the monitor with our stand, minimizing the fatigue during everyday viewing.

13. 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.

Specification

Model No.	C350G
Backlight	LED
Size	21.3"
Type (Color/Monochrome)	Color
Active Display	431.923(H)×323.942(V)mm
Resolution	2048×1536 1536×2048
Pixel Pitch	0.2109×0.2109mm
Response Time	20ms(11ms+9ms)
Brightness(typical)	900cd/m²
DICOM calibrated luminace(typical)	450cd/m²(default) 800cd/m²(max)
Contrast Ratio（panel typical）	1400:1
LUT depth	281.47Trillion Colors(16bit)
View angle	≥178°（CR≥10）
Sensor	Backlight Sensor Front Sensor Human Inductive Sensor Ambient Light Sensor Temperature Sensor
LUT	DICOM GAMMA2.2 GAMMA2.4 DSA DSI CT/MRI
Video Signals	Input：DVI-D×1,DP×1 Output：DP×1
Power Requirements	24VDC-3.75A
Max Power Consumption	80W
Cabinet color	Cold Grey
Dimensions	382mm×635mm×238mm
Dimensions（Without Stand）	382mm×490mm×77mm
Net Weight	11kg
Net Weight（Without Stand）	7.5kg

14. 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.

15. Spotlight Mode

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

16. 10-bit Color Depth

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

17. 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.