



# JUSHA-C620G

## Medical Display Expert

Color and gray automatic calibration technology and 281.47 trillion colors depth  
Brand new reporting, improving the display experience  
real-time accurate calibration, and providing a variety of professional applications



MEDICAL DISPLAY EXPERT

JUSHA DISPLAY TECHNOLOGY CO.,LTD  
HOTLINE:400-820-0556 800-820-0556

# Product Features

## 1.Color and grayscale auto-calibration

This technology has obtained a number of domestic and foreign patents. Can automatically identify each pixel is a grayscale or color signal, grayscale signal automatically calls DICOM curve calibration, color signal automatically calls GAMMA curve calibration, to ensure that the image display calls the correct curve, truly a multi-function screen.

## 2.16BIT color capabilities

With the 16bit look-up table, more subtle gray-scale transitions can be displayed and the diagnosis is more accurate.

## 3.Focus View Spotlight

Can highlight the lesion site for easy diagnosis.

## 4.Ins-guard real-time DICOM automatic calibration system

Ensure that the output brightness meets the DICOM standard.

## 5.Integrated dual screen

Eliminate the problem of display inconsistency between the two screens due to differences in the screen itself and attenuation after use, and display more accurate and consistent images.

## 6.SmarTouch Technology Instantly Changes Display Brightness

Improves doctor's vision while improving diagnostic efficiency.

## 7.X-ray film viewer

The film viewer mode can be opened in one click, and the doctor can place the film on the screen of the highlighted Whitefield for diagnosis.

## 8.Higher resolution & larger screen display size

Can display more medical images at the same time.

## 9.Adapted to a wide range of clinical diagnostic applications

PACS, CT, MR, PET-CT, ultrasound and 3D color or grayscale image display.

## 10.Function shortcuts

Can quickly open the display built-in features, such as SmarTouch、 User mode(Text mode)、 keyboard LED 、 FocusView、 X-ray film view, to facilitate the operation of doctors.

## 11.Text mode

After the monitor text mode is turned on, the monitor is divided into two screens, left and right. The display resolution and brightness adjustment of one side is suitable for text display and report writing; the other side maintains the resolution for image diagnosis.

## 4.Full-screen brightness equalization SLE

Jusha full-screen brightness equalization system SLE measures and calibrates the brightness of each pixel of the monitor to ensure that the brightness uniformity meets the medical display requirements.

## 8.3D LUT color calibration

JUSHA-C350G uses 3D LUT technology. Compared with conventional LUT, 3D LUT is well-suited for accurate color calibration because it can handle all display calibration issues from simple gamma values, color ranges, tracking errors to the advanced calibration of nonlinear properties, color interference, hue, saturation, brightness, etc., basically covering all possible problems with display calibration .

## 12.Remote quality control system

Jusha professional remote quality control system can remotely monitor and control the status of all Jusha professional displays via a computer network. The field maintenance and calibration of professional medical displays in hospital sometimes affect the hospital's normal operation. Remote operation is more convenient. Jusha remote quality control system provides clients with remote maintenance and monitoring services.

# Specification

Model No.	JUSHA-C620G
Backlight	LED
Size	30 "
Active Display	645.5mm(H)×403.0mm(V)
Resolution	3280×2048
Pixel Pitch	0.197mm×0.197mm
Response Time	30ms
Brightness(typical)	800cd/m <sup>2</sup>
DICOM calibrated luminance(typical)	350cd/m <sup>2</sup> (default) ; 500cd/m <sup>2</sup> (max)
Contrast Ratio	1000:1
Color	281.47 Trillion Colors (48bit)
View angle	≥170°(CR≥20)
Sensor	Backlight Sensor / Front Sensor / Human Inductive Sensor / Ambient Light Sensor / Temperature Sensor
Gamma presets	DICOM、 GAMMA2.2、 GAMMA2.4、 CT/MR-JS、 JUSHA-CGA2.0
Video Signals Input Interface	DVI-D×2、 DP×1
Video Signals Output Interface	DP×1
Power Requirements	Input: AC 100-240V,50-60HZ Output: DC 24V,6.25A
Max Power Consumption	150W
Dimensions	721.5mm×585mm×262mm
Dimensions ( Without Stand )	721.5mm×493.5mm×110mm
Net Weight	22±0.5kg
Net Weight ( Without Stand )	18±0.5kg
Hole Spacing	VESA:100×100mm