

# JUSHA-CGA-C42



JUSHA professional display is featured with high resolution, high luminance, 16bit grayscale (65536 grade), built-in LUT based on DICOM standard, designed for high-requirement of clinical diagnosis, such as PACS, Digital Mammography, CR, DR and other x-ray systems.

## Features

### 1.High resolution

Jusha report and audit display is paired with 6MP resolution, which can present the medical image precisely. From 1MP DSA image to 5MP mammography, they all can be displayed in the monitor perfectly, and guarantees a good compatibility with wide range of device.

### 2.High luminance

The calibrated luminance of JUSHA professional medical display can reach up to 2,500cd/m<sup>2</sup>. With the combination of high luminance and great contrast, a significant sense of depth is formed, perfect for locating the nidus.

### 3.High grayscale

The monitor has a 16-bit LUT table, which can express 65536-grade grayscale, and provides a smoother image transition. JUSHA professional display guarantees a perfect presentation of 16-bit high grayscale image captured by high-end equipment. Also, it is helpful to diagnose the early lesion of low contrast with normal tissues.

### 4.Integrated dual screen

With two windows displayed on the same screen, this technology eliminates the inconsistency between the two screens, due to differences in the screen itself or attenuation after longtime usage. More accurate and consistent images could be displayed.

### 5.X-ray film viewer

The display has built-in light box mode. With the magnetic film clip clamping the films, and quick operation by shortcut keys, doctor can conveniently read the film on the monitor.

## Specification

Model No.	JUSHA-CGA-C42
Type	LED
Size	27"
Type (Color/Monochrome)	Color
Active Display	596.74(H)×335.66(V)mm
Mpixel	4MP
Resolution	2560×1440
Aspect ratio	16:9
Pixel Pitch	0.2331×0.2331mm
Ton+Toff(typ) Response Time	6ms(Gray to Gary)
Maximum Brightness(typ)	350cd/m <sup>2</sup>
Contrast Ratio(typ)	1000:1
Color Tone	8bit
Colour bit depth (LUT)	281.47Trillion Colors(16bit)
View angle	≥178°(CR> 10)
Life (the brightness becomes ≤ 50% of its original value.)	>30000h
Sensor	Backlight /Temperature Sensor
Maximum Corrected Brightness (Typ)	350cd/m <sup>2</sup>
Gamma presets	DICOM Presets and GAMMA GSDF
LUT	DICOM 200,DICOM 250,DICOM 300,DICOM 350,GAMMA DSA,DSL,CT/MRI-JS
Input Interface	DVI-Dx2
Color and Grayscale Auto-calibration(CGA)	JUSHA CGA 1.0
Intergrated Daul-screen	√
X-ray FilmView(XFV)	√
Power Requirements	24VDC-4.8A
Max Power Consumption	65W
Typical Power Consumption	50W
Cabinet color	Cold gray
Dimensions	651.4mm*468.7mm*250.4mm
Dimensions(Without Stand)	651.4mm*390.4mm*80.0mm
Net Weight	15kg
Net Weight(Without Stand)	10.7kg
Hole Spacing	VESA standard: 100*100mm
Certifications	CCC,EAC
Osd Languages	English

Nanjing Jusha Display Technology Co., Ltd.  
8A, Block 1, Nanjing International Service Outsourcing Mansion,  
No.301 Hanzhongmen Street, Nanjing, Jiangsu, China  
Tel: +86/25/8330 5050  
Fax: +86/25/5878 3273  
www.jusha.com.cn