

JUSHA-M33C



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/m². 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.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.

5.Ambient Brightness Adaptation

JUSHA ambient light compensation and correction system can detect the ambient light, and then adjust the display accordingly. This can better suit the observation capability of human eyes, display the image, and could be applied to various luminance environments. The luminance of the display can adapt to working environment, providing great protection for the eyesight of doctors.

6.SmarTouch® patent

To reduce the visual fatigue during the review, Jusha developed SmarTouch® technology. The luminance can be changed by tapping the SmarTouch button, and the luminance remains stable in a short time with our BIA technology. It guarantees an accurate diagnosis as well as visual protection for doctors.

7.Presence Induction/Eco-guardian

JUSHA professional medical display equipped with Eco-guardian can detect if there being any user in front of the monitor. The monitor will go sleep under a preset time to save energy and prolong the service life of display, given no human is present. Moreover, the system can differentiate human and other nonhuman objects such as chairs and tables, making the detection smarter and more accurate.

8.Calibration by front sensor

The front sensor can detect the luminance of the light emitted by the display panel. Together with the backlight sensor, the system combines all luminance information and ensure that the luminance output is consistent with the DICOM standard.

9.Remote quality control system

The quality control system of JUSHA professional display can monitor and control all JUSHA monitors through network remotely. The on-site maintenance of monitors in hospitals may disturb the normal workflow, but the remote quality control system makes it more convenient. JUSHA remote quality control system provides a better experience of remote maintenance and examination service.

Specification

Model No.	JUSHA-M33C
Type	SA-SFT
Backlight	LED
Size	21.3"
Type (Color/Monochrome)	Monochrome
Active Display	433.152(H)×324.864(V)mm
Mpixel	3MP
Resolution	2048×1536/1536×2048
Aspect ratio	4:3
Pixel Pitch	0.2115×0.2115mm
Ton+Toff(typ) Response Time	40ms(20ms+20ms)
Maximum Brightness (typ)	1700cd/m ²
Contrast Ratio (typ)	1400:1
Grayscale tone	10bit
Grayscale tone (LUT)	65536
View angle	≥176° (CR≥10)
Life (the brightness becomes ≅ 50% of its original value.)	70000h (25°C Ambient temperature of the Product) 60000h (60°C Temperature of the product front or rear panel)
Sensor	Backlight /Front /Presence /Ambient Light /Temperature
Maximum Corrected Brightness	1000cd/m ²
Gamma presets	DICOM Presets and 3 GAMMA
LUT	DICOM 250,DICOM 350,DICOM 400,DICOM 450,DICOM 500,DICOM 550,DICOM 600,DICOM 700,DICOM 800,DICOM 1000,GAMMA 2.2,GAMMA 2.4,GAMMA 2.6 DSA DSI CT/MRI-IS
Input Interface	DVI-D×1、DP×1
SmarTouch	√
X-ray FilmView(XFV)	√
Front-sensor calibration	√
Eco-guardian	√
Ambient luminance self-adaptation(ABA)	√
Ambient Light Compensation (ALC)	√
Web QA	√
Power Requirements	AC 100-240V~1.5-0.75A 50~60HZ
Max Power Consumption	60W
Typical Power Consumption	35W
Cabinet color	Matte black
Dimensions	382mm*533mm*238mm
Dimensions (Without Stand)	382mm*490mm*75mm
Net Weight	10.5kg
Net Weight (Without Stand)	7kg
Hole Spacing	VESA standard: 100*100mm
Certifications	FDA,CE,CCC, NRTL, FCC, 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