JUSHA

C270G

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 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.

2.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.

3.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.

4.Dynamic LUT

The monitor uses dynamic LUT. Compared with traditional LUT, DICOM calibration is no longer limited to preset curves. By applying dynamic LUT, we can calibrate the monitor's luminance and contrast in real time, which guarantees the monitor comply with DICOM standard under all luminance settings.

5.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.

6.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.

7.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.	C270G
Type	IPS
Backlight	LED
Size	21.3"
Type (Color/Monochrome)	Color
Active Display	432(H)×324(V)mm
Mpixel	2MP
Resolution	1600×1200/1200×1600
Aspect ratio	4:3
Pixel Pitch	0.270×0.270mm
Ton+Toff(typ) Response Time	16ms(8ms+8ms)
Maximum brightness(typ)	1000cd/m²
Contrast Ratio(typ)	1400:1
Colour bit depth (LUT)	281.47Trillion Colors(16bit)
View angle	≥178°(CR≥10)
Life	>50000h
Sensor	Backlight /Front /Presence /Ambient Light /Temperature
Maximum Corrected Brightness	600cd/m2
Gamma presets	DICOM Presets and GAMMA 2.2,GAMMA2.4
LUT	DICOM,GAMMA2.2,GAMMA2.4,DSA,DSI ,CT/MRI
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	12V DC-4A
Max Power Consumption	45W
Typical Power Consumption	20W
Cabinet color	Cold gray
Dimensions	382mm*635mm*238mm
Dimensions(Without Stand)	382mm*490mm*77mm
Net Weight	11kg
Net Weight(Without Stand)	7.5kg
Hole Spacing	VESA standard：100*100mm
Certifications	FDA,CE,CCC,NRTL,CQC,FCC
Osd Languages	Chinese,English

Sourcing Mansion,
No.301 Hanzhongmen Street, Nanjing, Jiangsu, China
Fax: +86/25/5878 3273