JUSHA

CR240G

JUSHA 2MP Medical Color Review Monitor

Cutting-edge medical display technology

High and even brightness, energy saving, eco-friendliness, and long life

High resolution, high brightness, built-in DICOM standard LUT, suitable for clinical applications

Product Features

1.High brightness
The display panel has maximum brightness up to 600 cd/m^2 and maximum corrected brightness of 550 cd/m^2. Through the combination of brightness and contrast, a better sense of depth is created, which is more conducive to identifying the lesion.

2.Ins-guard real-time DICOM automatic calibration system
The DIC0M calibration consists of two aspects, one being the accuracy calibration before leaving the factory, and the other being the real-time calibration after leaving the factory. JUSHA Ins-guard system is a DIC0M real-time automatic calibration system. The built-in brightness sensor monitors the brightness of the center point in real time and feeds it back to the calibration system to automatically calibrate the brightness of the liquid crystal display (LCD) panel, thereby ensuring compliance with the DIC0M standard. The center point measures and controls the brightness, which is more in line with the actual viewing area brightness requirement of the screen.

3. Full screen brightness balance correction SLE
The uncalibrated LCD has uneven brightness and a large difference in brightness between regions, which greatly affects the normal display of the gray scales of the Grayscale Standard Display Function (GSDF) of the medical image, and also affects the quality of the DICOM correction. JUSHA Medical Professional Display System measures and adjusts the brightness of each pixel to reduce the brightness and color unevenness between the center and the corner, which ensures that the entire display area of the display can be compliant with the DICOM GSDF standard. It is the uniform display brightness, reduced noise, perfect compliance with DICOM standard from the center of the corner, and increased contrast and detection accuracy that make the product have satisfactory image quality.

4. Reading light
The display has a built-in reading light mode with a reading clip that can be quickly turned on by a shortcut key to facilitate the doctor to read the film.

Specification

Model	CR240G
Backlight	LED
Screen size	24"
Display area	518.4(H) × 324(V)mm
Resolution	1920×1200
Dot pitch	0.27 × 0.27mm
Response time	14ms
Maximum brightness	600cd/m^2
Maximum correction brightness	550cd/m^2
Contrast (typ)	1000:1
Color (LUT)	16.7M
Viewing angle	≥178° (CR>10)
Maximum correction brightness (Typ)	550cd/m^2
Look-up table	DICOM ,GAMMA2.2 ,CT/MRI,USR Mode1,USER Mode2,USER Mode3
Input port	DVI-D×1、DP×1,HDMI×1
Power supply	AC 100~240V 50~60Hz , 3~1.5A
Maximum power	<40W
Standard power	30W
Housing color	Silver-gray
Dimensions (including the base)	653.4mm×469.7mm×250.4mm
Dimensions (excluding the base)	653.4mm×392.4mm×80.0mm
Net weight	9kg
Net weight (without the base)	6.5kg
Installation standard	VESA standard：100*100mm