

CR240

JUSHA 2MP Medical Review & Diagnosis Monitor

Jusha medical display adopts most advanced display technology with high luminance, high color bits, uniform brightness, energy saving and environment friendly features as well as long usage life. With 600cd/m² luminance and integrated DICOM calibration, CR240 is the best display model for hospital wide-viewing of clinical data and images as well as medical diagnosis.



MEDICAL DISPLAY EXPERT

JUSHA DISPLAY TECHNOLOGY CO., LTD
HOTLINE: +86 400-820-0556 +86b800-820-0556
EMAIL: INTERNATIONAL@JUSHA.COM.CN
www.jusha.com.cn

Product Features

1. High brightness

The display panel has maximum brightness up to 600 cd/m² and maximum corrected brightness of 550 cd/m². 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 DICOM 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 DICOM 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 DICOM 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 equalization 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. Film viewer model

The display has a built-in film viewer mode with a film clip that can be quickly turned on by a shortcut key facilitating the doctor to read x-ray films.

Specification

Model	CR240
Backlight	LED
Size	24"
Display area	518.4(H) x324(V)mm
Resolution	1920x1200
Pixel pitch	0.27 x0.27mm
Response time	14ms
Maximum brightness	600cd/m ²
Contrast Ratio	1000:1
Color Tone	16.7M (30bit)
Viewing angle	>178° (CR>10)
LUT calibration	DICOM ,GAMMA2.2 ,CT/MRI
Interface	DVI-D, DP, HDMI
Power supply	AC 100 ~ 240V 50~60Hz , 3 ~ 1.5A
Maximum power	<40W
Standard power	30W
Dimensions (with stand)	653.4mm x469.7mmx 250.4mm
Dimensions (w/o stand)	653.4mmx392.4mmx80.0mm
Net weight	9kg
Net weight (without the base)	6.5kg
Installation standard	VESA standard : 100*100mm