



8MP MDT Medical Monitor

8MP	16-bit LUT	DICOM Calibration
FocusView	Virtual Laser	Ambient light
Multi-window	CGA	Eco Mode

Jusha S8420 is an 84-inch medical monitor specifically designed for multi-discipline and teaching application. Also, this product fits in the workflow for remote meeting and consulting, providing high quality medical images for reviewing.

Product Features

1. DICOM Calibration

Every single unit is DICOM calibrated in factory, meeting the requirements for medical imaging reviewing.

2. 16-bit LUT

Each pixel is displayed through 16-bit lookup table, presenting a more accurate image and more smooth transition.

3. FocusView

This function applies a mask by tracking the cursor location. This helps users focus on certain area for diagnosis or comparing

4. Virtual Laser

By changing the cursor into a red point, users can mimic the same feeling of using a laser pen in traditional projectors.

5. Ambient light

With build-in ambient light sensor, the screen will automatically change the brightness with the ambient environment. Also, DICOM standard will be compensated with the ambient light value at the same time, achieving higher medical imaging accuracy.

6. Multi-window

Up to four input signals can be displayed simultaneously, without extra device. This greatly simplifies cable connections and device management.

7. CGA

Color and Grayscale Auto-calibration(CGA) will distinguish color and monochrome pixels automatically, and calibrate the image with corresponding standards, such as DICOM and GAMMA.

8. Eco Mode

When the monitor enters sleep mode, the power consumption is under 0.5W.

Specification

Model No.	S8420
Backlight	LED
Diagonal Size	84"
Resolution	3840×2160
Aspect Ratio	16:9
Pixel Pitch	0.4875×0.4875
Response Time	12ms
Maximun Brightness (Typical)	700cd/m ²
Maximun Calibrated Brightness (Typical)	450cd/m ²
Default Brightness	350cd/m ²
Contrast Ratio	4000:1
Color Depth (Panel)	1.07Billion/10bit
Viewing Angle	≥178° (CR>10)
Sensor	Ambient Light Sensor, Backlight Sensor
Presets	DICOM Gamma2.0 Gamma2.2 CIE DSA
Video Inputs	Single-link DVI×2 Dual-link DVI-D×2 DP1.2×1 HDMI1.4×2 HDMI×1 VGA×1
Video Outputs	DP1.2a×1 HDMI1.4×1
Audio Inputs	DP Audio input×1 HDMI Audio input×2 3.5mm Mic in×1 3.5mm Line in×2
Audio Outputs	3.5mm Line out×2 3.5mm IIS out×1
Spekaer	10W*2
DC Output	DC 5V1A×4
Power Input	100~240V AC, 50/60Hz
Stand	Electrical height adjustable
Dimention(length*width*height)	1935*121*1142 mm
Net Weight	84Kg
Buttons	Touch
Protective glass	Anti-glare coating, matte
Touch Panel	10-point infrared



Jusha medical display serves over 2 billion patients

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