



98" 8MP MDT Medical Monitor

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

Jusha S9820 is an 98-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.	S9820
Active Screen Size	98 inch
Active Area	2158.8(H)×1214.4(V)(mm)
Pixel Pitch	0.5622mm×0.5622mm
Luminance	500 cd/m ² (Typ.)
Contrast Ratio	1300(Typ.)
Response Time	8ms
View Angle	R/L 178 (Min.), U/D 178 (Min.)
Colour Bit Depth	10bit(1.06billion colors)
Resolution	3840×2160
Refresh Rate	60Hz
Backlight	LED
Life Time	50000 hours
Calibrated Luminance	450 cd/m ²
LUT	DICOM、GAMMA2.0、GAMMA2.2 CIE、DSA
Video Input Port	Single-link DVI×2(1920×1080@60Hz) Dual-link DVI×2(3840×2160@30Hz) HDMI 1.4 ×2(3840×2160@30Hz) DP 1.2a ×1(3840×2160@60Hz) VGA×1(1920×1080@60Hz)
Video Output Port	DP 1.2a ×1(3840×2160@60Hz) HDMI 1.4 ×1(1920×1080@60Hz)
Usb Port	USB-B×6
Usb Port	USB-A×1
Power Input	AC 100-240V 50/60Hz, 600W(Max.)
Power Output	5V DC 1A ×4(DC_005)
Network Port	RJ45 ×1
Audio Input Port	Audio IN ×3
Audio Output Port	Audio OUT ×2
Speaker	Build-in Loudspeaker ×2
Cover Glass	8% AG、armoured glass
Touch	10 point Infrared touch border
Sensor	Ambient light Sensor
Remote Control	5m remote control
Base	Removable Base
OPS	Optional Double OPS
LUT	16bit
Size (Without Base)	(L): 2244 mm (H): 1324 mm (W): 127.7 mm
Size (With Base)	(L): 2244 mm (H): 2143.7 mm (W): 907.9 mm
Weight (Without Base)	161Kg
Weight (With Base)	309Kg



Jusha medical display serves over 2 billion patients

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