



## FHD high-resolution surgical monitor

FHD

Surgical

Accurate Color

High Color Depth

Fast Response

A special monitor for endoscopic surgery adopts high-resolution FHD LCD panel, with accurate color reproduction, good color depth, smooth dynamic range, and wider viewing angle.

This meets today's rapidly changing medical display needs, enabling a clear and precise visualization of the surgical images. Waterproof design, antibacterial treatment, good compliance with electromagnetic compatibility regulations, a variety of video input and output interfaces.

All of these make this product fully meeting the requirements of various applications in operating rooms.



# Product Features

## 1. Accurate color reproduction

This Jusha surgical monitor product line applies 12-bit LUT technology, which can accurately restore the color of human, so that surgeons can make more accurate judgments.

## 2. High color depth

This Jusha surgical monitor adopts the highest-level medical liquid crystal panel, which has good color, high brightness, and high contrast, so that the layers of each tissue in the operation are well expressed and the clinical image is clear and vivid.

## 3. Smooth dynamic motion

The response time of this Jusha surgical monitor is less than 14ms, so that it can smoothly present high-resolution surgical videos, and clearly display the bleeding status and other delicate operations during the operation, without smear and jitter.

## 4. Meet the operating room purification and anti-interference requirements

This Jusha surgical monitor adopts a dust-free design, which meets the purification requirements of the operating room for surgical equipment. The metal enclosed design can effectively prevent dust and liquid pollution during the operation. The body of the metal shell and the built-in shielding circuit can effectively prevent the interference of electronic surgical equipment such as high frequency electrosurgery on the monitor and ensure the stability of the surgical display.

## 5. Various interfaces

This Jusha surgical monitor can be compatible with a variety of analog signals and digital signals and can be fully compatible with the world's major camera systems.

# Specification

Model No.	E270AG
Backlight	LED
Size	27"
Active Display	622.4 (H) x 364.2 (V)mm
Resolution	1920×1080
Aspect ratio	16:9
Pixel Pitch	0.3114 (H) x0.3114 (V)mm
Response Time	14ms
MAX Brightness	1000cd/m <sup>2</sup>
MAX Calibration Brightness	800cd/m <sup>2</sup>
Contrast Ratio	1000:1
Color Tone	1.07 Billion Colors
Colour bit depth (LUT)	68.7 Billion Colors(12bit)
View angle	≥178°
Sensor	Backlight Sensor
Gamma presets	5 gamma curves&DICOM
LUT	GAMMA1.8,GAMMA2.0,GAMMA2.2 GAMMA2.4,GAMMA2.6,DICOM
Power Interface	DC IN 24V
Video Input	DVI-I,CVBS,S-VIDEO,YPbPr,RGBS,SDI,VGA
Video Output	CVBS, DVI-D,SDI
Multi-window	PIP、POP (2 windows)
Video Mirroring	√
Remote Control	RS232
Power Requirements	100~240VAC, 50/60Hz
Max Power Consumption	84W
Typical Power Consumption	≤82W
Cabinet color	White
Dimensions (Without Stand)	647.4*398.2*65.4mm
Net Weight (Without Stand)	10Kg
Hole Spacing	VESA: 100*100mm
OSD Language	English, Chinese



Jusha medical display serves over 2 billion patients

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