



VIDEOSET

ENHANCE YOUR OR WITH RESHIN 4K CLARITY

4K UHD 31.5 inch* Premium-quality Surgical Monitor

MS321PB

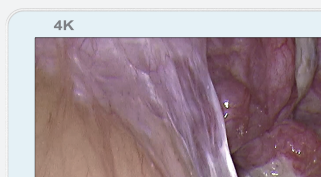
Precision Imaging, Seamlessly Integrated for the O.R.

The 31.5" surgical monitor features a 3840×2160 IPS 4K screen and AR anti-reflective protective front glass. Its optical bonding technology effectively prevents dust and liquid contamination during operations, meeting the stringent purification requirements of an operating room.

With a full range of signal interfaces, it supports various image displays. The specialized 12G-SDI module supports 2160P60 (true 4K) display, and the dedicated SDI cable allows for lossless transmission over distances exceeding 50 meters. Its strong anti-interference capability makes it an excellent choice for surgical environments.

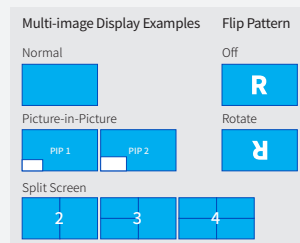
4K Ultra HD Resolution

The 31.5-inch* (3840 x 2160) monitor displays 4K images with four times the detail of Full-HD.



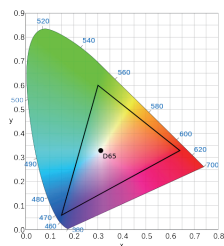
Variety of Display Modes

The MS321PB supports quick and easy image display from multiple sources via its on-screen menu. It offers a variety of display modes, including picture-by-picture, picture-in-picture (PIP), three-split, and four-split screen layouts.



True-to-life Color Reproduction

BT.709 Real-color Display. Enhanced by Reshin's patented technology for accurate and true-to-life color reproduction.



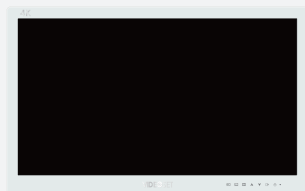
Full Mirror Design

The flat surface allows the O.R. team to quickly identify and wipe away liquids and gels from the LCD panel, rear cover, and control buttons.



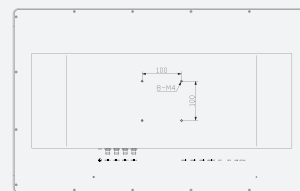
Anti-Reflection LCD Panel

The monitor's LCD panel features anti-reflection technology that greatly reduces glare in brightly lit O.R.'s by controlling the light reflection and minimizing its dispersment, allowing clear high contrast images to be displayed.



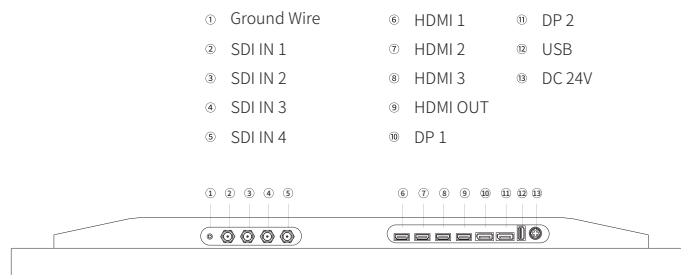
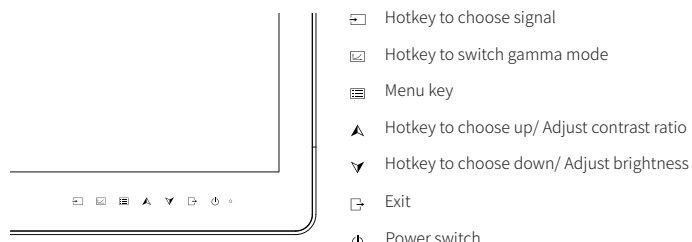
VESA 100×100 Compatible

Flexible mounting for various surgical scenarios, including endoscopy carts and surgical arms.



User-Friendly Control Panel and Wide Range of Connectors

Versatile input/output options ensure seamless O.R. integration, while the user-friendly control panel allows for effortless operation.



Specifications

31.5 " 4K Surgical Monitor -- MS321PB

Picture Performance

Active Screen Size	31.5 inches(80.01cm)
Pixel Pitch (H x V)	0.18159mm x 0.18159mm
Resolution (H x V)	3840×2160
Aspect Ratio	16:9
Backlight	LED
Panel Technology	TFT
Luminance (Panel Specification)	500 cd/m ² (default)
Contrast Ratio	1300:1
Colors Approx	1.07 billion colors
Response Time	14ms (TYP)
Viewing Angle (Panel Specification)	178° V. / 178° H.
GAMMA	Gamma1.8, Gamma1.9, Gamma2.0, Gamma2.1, Gamma2.2, Gamma2.3, Gamma2.4, Gamma2.5, Gamma2.6, DICOM, Linear

INPUT

HDMI INPUT	HDMI connector (x3); HDMI 2.0
DP INPUT	DP connector (x2); DP 1.2
SDI INPUT	3G-SDI input connector BNC type (x4); 12G-SDI input connector BNC type (x1); SDI IN 1 is 12G-SDI input connector when 12G-SDI Mode
USB INPUT	USB connector (x1);

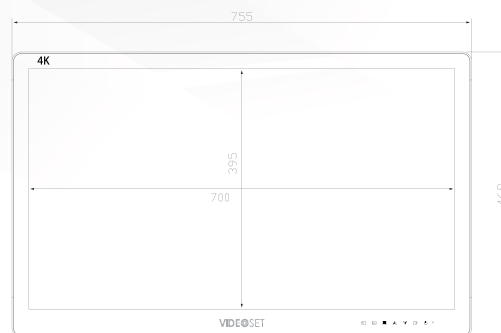
OUTPUT

HDMI OUTPUT	HDMI connector (x1); HDMI 2.0
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GENERAL

Power Requirements	DC 24V 5A
Power Consumption	120W (MAX)
Operating Temperature	0°C~40°C
Operating Humidity	10% to 80% (no condensation allowed)
Storage/Transport Temperature	-20°C~50°C
Storage/Transport Humidity	10% to 90% (no condensation allowed)
Dimensions (without Stand)	755(W)x469(H)x72(D)mm
Weight (without Stand)	14.27KG±0.5KG
Mounting	VESA 100x100mm
Structural Appearance	White metal shell with AR-coated white protective glass; Optical Bonding Technology
Application	Laparoscopic Surgery/ Gastrointestinal Endoscopy/ Thoracoscopic Surgery/ Urological Surgery/ Gynecological Laparoscopy/ Arthroscopic Surgery8 Hybrid Operating Rooms/ etc
Supplied Accessories	LCD display (x1), Certificate (x1), Warranty card (x1), Power Cable (x1), Power Adapter (x1), Packing list (x1), SDI cable (x4), DP cable (x1), HDMI cable (x1)

FRONT



SIDE



BACK

