

# PRECISION IN FULL HD NO DETAIL MISSED, NO STEP DELAYED

21.5 inch FHD Premium-quality Endoscopy Monitor

MS220SA

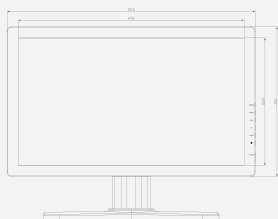
# Accurate Color, Trusted Clarity for Medical Endoscopy

The 21.5" Full HD endoscopy monitor features a 1920×1080 LCD panel with high-bit Gamma processing, delivering exceptional clarity for endoscopic procedures. Its flicker-free screen reduces eye fatigue during prolonged endoscopic examinations.

Engineered for reliability, the monitor supports SDI, DVI, VGA, Video, S-Video and RGB inputs to seamlessly integrate with endoscopy systems. With optimized brightness uniformity and a wide viewing angle, it ensures consistent image quality for GI, ENT, and urology applications.

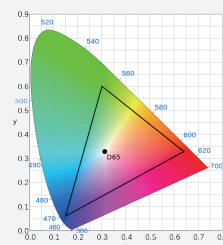
## Accuracy, 21.5-inch Full HD images

Designed for clear visualization of 2D color video images from ENT, endoscopic, and other compatible medical imaging systems.



## True-to-life Color Reproduction

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



## Cost-effective Option for Doctors

Engineered with medical-grade High-bit Gamma processing and optimized gamma correction, the MS220SA ensures precise tissue differentiation while maintaining budget-friendly operation.



## Flexible Interface Options

It comes standard with SDI, DVI, VGA, Video, S-Video and RGB signal ports, offering seamless integration with both digital and legacy endoscopic systems. This comprehensive connectivity suite ensures compatibility without requiring additional adapters.



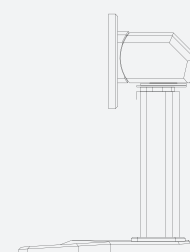
## Durable Design, Rigorous Test

Engineered for high reliability, the design has passed rigorous testing, with a substrate MTBF exceeding 30,000 hours.



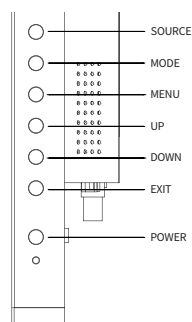
## Stand Support

Standard Reshin customized stand with a clean, modern design. It offers height adjustability and ensures stable placement of the monitor on an endoscopy tower or table.

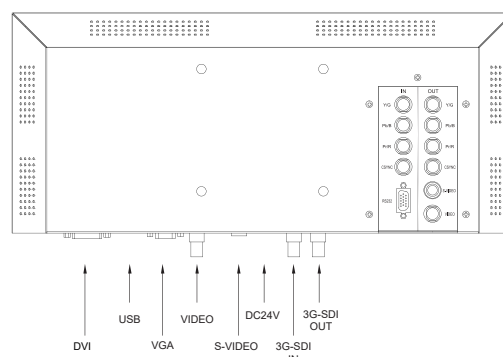


## User-Friendly Control Panel and Wide Range of Connectors

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



<b>SOURCE</b>	Hotkey to choose signal
<b>MODE</b>	Hotkey to switch gamma mode
<b>MENU</b>	Menu key
<b>UP</b>	Hotkey to choose up/ Adjust contrast ratio
<b>DOWN</b>	Hotkey to choose down/ Adjust brightness
<b>EXIT</b>	Exit/ Auto adjustment (VGA)
<b>POWER</b>	Power switch



## Specifications

### 21.5 " FHD Endoscopy Monitor -- MS220SA

#### Picture Performance

Active Screen Size	21.5 inches (54.61 cm)
Pixel Pitch (H x V)	0.24795mm x 0.24795mm
Resolution (H x V)	1920×1080
Aspect Ratio	16:9
Backlight	LED
Panel Technology	TFT
Luminance (Panel Specification)	160 cd/m <sup>2</sup> (default)
Contrast Ratio	1000:1
Colors Approx	16.7 million 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

Digital Signal	DVI connector (x1), 3G-SDI connector(x1)
Analog Signal	VGA connector (x1), Video connector(x1), S-Video connector(x1), RGB/YPbPr connector(x3)
Sync & Control	CSYNC connector(x1), USB connector (x1), RS232 connector (x1)

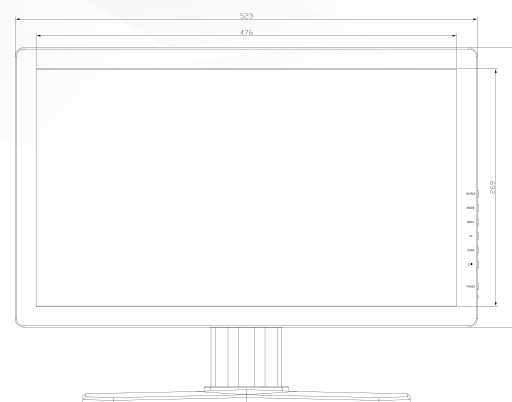
#### OUTPUT

Digital Signal	3G-SDI connector (x1)
Analog Signal	Video connector(x1), S-Video connector(x1), RGB/YPbPr connector(x3)
Sync & Control	CSYNC connector(x1)

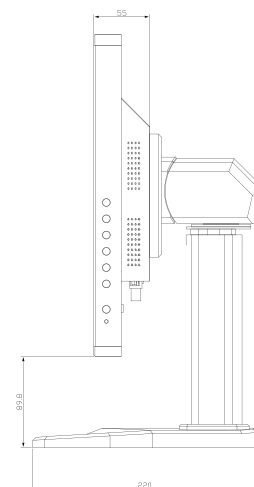
#### GENERAL

Power Requirements	DC 24V 5A
Power Consumption	18W (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)	523(W)x316(H)x55(D)mm
Weight (without Stand)	5.7±0.5KG
Weight	8.3±0.5KG
Mounting	VESA 100x100mm
Structural Appearance	White Metal Shell
Application	ENT/ Gynecological Endoscopy/ Urology Endoscopy/ Dental Endoscopy/ Veterinary Endoscopy/ Portable Endoscopy/ Basic Laparoscopy
Supplied Accessories	LCD display (x1), Certificate (x1), Warranty card (x1), Power Cable (x1), Power Adapter (x1), Packing list (x1), BNC cable (x1), DVI cable (x1)

#### FRONT



#### SIDE



#### BACK

