

Processor SV-M4K120EXP

Resolution	3840 x 2160p, 60Hz, > 8M Pixels
Video Output Signals	HDMI x 2, 12G-SDI x 1, Display Port x 1, DVI-D x 1
Camera Chip Sensors	CMOS 4K UHD
White Balancing	Auto White Balancing, Memory
Dimming	0-9 levels
Auto Gain Control	YES
Edge Enhancement	0-9 levels
Contrast Enhancement	Low, Medium, High
Digital Zoom	1-4 times magnification, 3 Steps
Surgical Modes	Laparoscopy, Thoracoscopy, Hysteroscopy, Cystoscopy, Arthroscopy, Sinuscopy, Ventriculосcopy, Resectoscopy, Ureterorenoscopy.
Digital Smoke Suppression	YES
Video Recording Format	Native 4K, 3840 x 2160p, 60fps, MP4 format
Flexible Endoscopes Capability	Video Cystoscope Video Choledochoscope Video Ureteroscope Video Rhinolaryngoscope

Camera Heads

Model	10-110-401	10-112-401	10-111-401	10-100-401
Focal Length	21mm - 42mm	36mm	22mm	18mm
Protection Against Electric Shock	Type BF			
Degree of Protection Against Liquid	IPX7			
Sterilization	STERRAD			

LED Light Source SL-ED40

Main Lamp	4 x LED
Modes	White Light and Spectral
Light Temperature	3,000K - 7,000K
Intensity	0-19 levels, Continuous Adjustments
Light Enhancements	VIST1, VIST2, SFI
Lifespan	40,000hrs

Laparoscopes

TelescopeΦ	Working length	Direction of view	Field of view	Sterilisation
10.0 mm 4K Scope	307 mm	0°	Wide Angle	Autoclavable
10.0 mm 4K Scope	307 mm	30	Wide Angle	Autoclavable



SonoScape Medical Corp.
2F,12th Building, Shenzhen Software Park Phase II, Keji Middle
2nd Road, Shenzhen, China
Tel: +86-755-26722890 Fax: +86-755-26722850
Email: market@sonoscape.net www.sonoscape.com

ISO 13485  0197

E-SVM4K12020240523

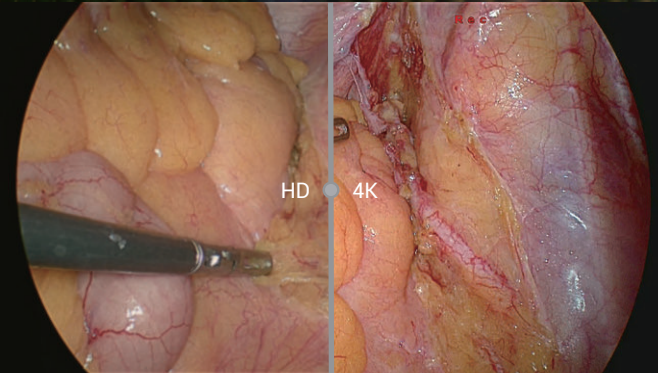
SV-M4K120Exp

Unmatched 4K Clarity with Seamless Compatibility

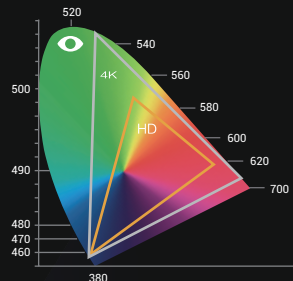
Redefining Surgical Imaging

Experience surgical precision like never before with our state-of-the-art CMOS technology. Delivering an unprecedented level of precision and detail in breathtaking 4K resolution with the BT.2020 color gamut, perfect identification of vital structures such as blood vessels, lymph nodes, and nerves are facilitated, elevating color reproduction to new heights.

Integrated with SonoScape's expansive angle resolution and deep focus laparoscopes, it ensures crystal-clear imaging regardless of distance, providing an immersive visual experience like never before. Empowering surgeons with enhanced visualization for precise decision-making and improved procedural outcomes.



3840x2160p Ultra-high-definition image



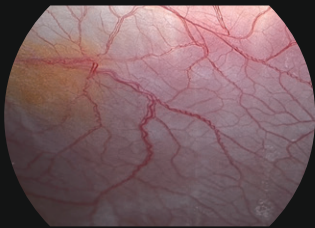
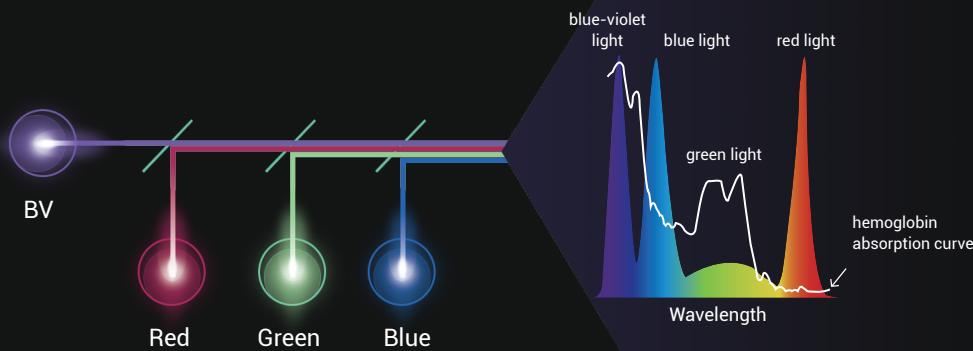
Color gamut
4K BT.2020
HD BT.709

The Unparalleled Brilliance Redefined

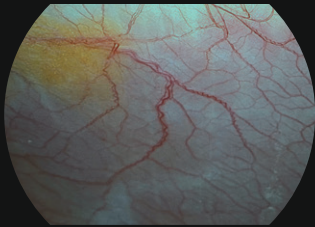
Boasting a sophisticated design featuring a Quad-LED configuration and a spectrum of colors, this revolutionary system transcends traditional lighting capabilities.

Introducing VIST¹ and SFI², this innovation elevates surgical precision to unprecedented levels. SFI enhances contrast at blood aggregation sites without altering baseline hues, while VIST enhances vessel contrast. Together, they revolutionize surgical visualization, providing surgeons with invaluable insights during procedures.

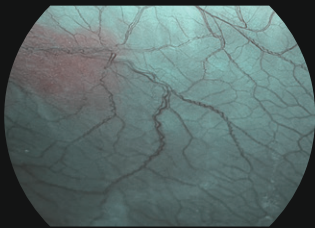
¹ Versatile Intelligent Staining Technology
² Spectral Focused Imaging



WL



SFI



VIST

Endoscope infrastructure

Our cutting edge system architecture is designed for unparalleled endoscope compatibility. Seamlessly alternate between camera heads and surgical flexible endoscopes, unlocking a multitude of solutions for your surgical needs.



Seamless Workflow

Programmable Camera Head Function

Tailor the functionality of your camera head buttons to suit your unique needs, granting you ultimate control at your fingertips. Access the On-Screen Display (OSD) menu directly from the camera head, enabling swift adjustments on the fly and easily capturing screenshots, activate recordings, and adjusting white balance settings. Elevate your surgical practice with unparalleled convenience and precision.



Seamlessly Record in Native 4K Resolution with USB Drive Innovation

Experience a seamless and cost-effective recording solution with our 4K recording technology, compatible with USB drives or hard drives. Say goodbye to interruptions with dual USB automatic switching, ensuring uninterrupted operation even for extensive surgery times. Our video marking function enables quick review and editing of videos, allowing you to capture every detail with unmatched precision and simplicity. Enjoy unparalleled convenience and performance, elevating your surgical capabilities to new heights.



Patient Information Management

Take control of your surgical workflow with SonoScape built-in patient data management system. This system allows you to easily input and manage patient information, edit surgical reports directly on the device, and transfer data seamlessly via built-in DICOM compatibility. Experience a streamlined OR environment where documentation becomes effortless and efficiency reaches new heights.

