

ALL-CAM4 4K Camera System

Ideal for Image Solution

ALLTION provides professional image solution for surgical microscopes & colposcopes. Would you like to add a 4K camera system to update your microscope or colposcopes? ALL-CAM4 4K camera system could be used for almost all surgical microscopes & colposcopes. This camera is a perfect solution for updates your devices.

ALL-CAM4 offers outstanding image quality and value. Through HDMI cable, the real-time 4K image output can be realized, and the photos and videos can be stored on USB flash disk. Via WIFI transfer, it can connect with several smartphones at the same time. Doctors, assistants, intern doctors, and patients can view the image in real time. It is superb solution for high-definition displays and records of surgical examinations, diagnosis, operating procedures, and treatment.



ALL-CAM4

Features

1. ALLCAM4 4K camera system integrated 4K camera module, beam splitter, 45°binocular extender and rotation device
2. Compatible with main surgical microscopes & colposcopes
3. Real-time 4K image output and photos and videos records, support real time multiple transmission by WIFI and HMDI transmission
4. Excellent ergonomic design

Advantages

1. Additional beam splitter, 45°binocular extender and rotation device are not needed
2. Adapter could be customized, only change the adapter can make the camera to compatible with different microscopes
3. 4K video resolution, photography, video recording, freeze, image comparison, automatic exposure, white balance, play back and cross curve, measure, and other functions
4. Super light weight, compact and concise

Benefits

1. Save costs, easier to update the microscope
2. Reduce the load of the head of microscope, smoother to operate
3. Excellent image quality, multi-functional, convenient for doctor-patients' communications, offer high-definition displays and records of surgical examinations, diagnosis, operating procedures, and treatment
4. Help user a better ergonomically working posture

Customer Evaluation

One of customers from Germany values ALL-CAM4:

The quality and the design of the ALL-CAM4K is very good. The integrated angle rotation ring is a very good idea and offers the user a better ergonomically position. So, I am convinced that the customer will be satisfied with All-CAM4K.



ALL-CAM4 Main Technical Parameters

Camera Features	Sensor	1/1.8" SONY 8 million pixel high-performance, high-sensitivity and low-noise CMOS
	Interface	HDMI 2.0 1pc
		USB 2.0 1pc (for mouse)
		USB 3.0 1pc (for connect USB flash disk)
		3.5 audio interface 1pc (for sound recording)
	Resolution	4K (3840*2160) 60FPS (16:9)
	Storage	Connect external USB flash disk (support FAT32 and NTFS formats) Picture: JPG format Video: MP4 format
	WIFI	Built-in WIFI function, it can transmit images
	Voltage	12V
	Power	10-25VA
Physical Characteristics	Weight	0.95kg
	Size	155x115x84(MM)
Optical Data	Camera Split Ratio	2:8
	Beam Split Ration	2:8 (5:5 for option)
Software	Video Resolution	4K 30FPS, 1080P 30FPS
	Picture Resolution	8M (3840*2160), 2M (1920*1080)
	Basic Functions	Freeze, photograph, video recording, automatic exposure, white balance, play back and cross curve, sound recording
	Image Effect	Exposure value, best brightness, Gain, Red gain, Blue gain, saturability, contrast ratio, definition and HDR
	Advanced Functions	Horizontal flip, vertical flip, zoom out, zoom in, AOI and image comparison
	System Settings	Automatic/autonomous naming, show/hide time, show/hide LOGO, Eleven languages for option (Chinese, English, German, French, Spanish, Italian, Portuguese, Swedish, Japanese, Russian, Polish), image resolution, naming setting, system update, restore default, version information
	Measuring Function	Measuring Tool: P2P, P2L, L2L, C2C, P2C, L2C, Angle, Arc, Circle, Rec, Polygon, Crease, Text, Del All, Color Settings, To Pictures, To Excel, Calibrating Tool, Information, Ruler Display
	PC Client	Windows system
	Mobile Client	Android system, IOS system

Items and specification subject to change, please contact us for current product information

More About Alltion

ALLTION provides professional microscopes for wide range of medical specialties: Dentistry, ENT surgery, Gynecology, Orthopedics, Hand surgery, Neurosurgery, Andrology and Urology, Plastic and Reconstructive surgery, Veterinary surgery etc.

Alltion (Guangxi) Instrument Co.,Ltd

Alltion (Wuzhou) Co.,Ltd

No.10,3rd Road, Wuzhou Industrial Park, Wuzhou City, Guangxi Province, China. 543000

Tel: +86-0774-2836101, 2836102

Fax: +86-0774-2836192

Email: sales@alltion.com

Web site: www.alltion.com or www.alltion-microscope.com

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