ALLTION®







AM-5000

Surgical Microscopes

SRIT

Main Specification of AM-5000 Series Surgical Microscopes

Optics	Type	Standard	Optional
	Magnification	Manual 6-step magnification	
		2.8/4.2/6.9/10.4/17.0/25.6X (In 250mm objective lens)	
	Binocular	0-180°adjustable binocular with interpupillary distance adjustment	45°binocular/Straight binocular
	Range of Pupillary Distance	50-75mm	
	Eyepiece Field	12.5X/18B	10X/21B
	Glass Technology	Premium quality apochromatic technology	
	Diopter	±6D	
	Optical Extender		30°/ 45°/ 90°binocular extender with angle rotation device
	Objective Lens	Objective lens 250mm	200mm/300mm/400mm/198-455mm variable
Illumination	LED	Long-life LED: ≥50,000 hours	
	Object Illumination	Maximum 80,000lx with objective lens 250mm	
	Color Rendering	≥85%	
	Color Temperature	5500K	
	Light Spot	Three types of light spot:Maximum/Medium/ Minimum(Without filter) Two types of filter:Green/Yellow	
	Fluorescence Mode		Fluorescence mode
Power Supply	Camera	Built-in camera	
	Rated Voltage	Input:AC100-240V,50/60HZ,output:DC12V/5A	
	Input Power	25-80VA	
Support System		Floor stand	Ceiling mount/Low position wall mount/ High position wall mount/Fixed floor stand/Table mount

Specification of Built-in Camera

Sensor	1/2"SONY high-sensitivity and low-noise CMOS
Resolution	HD1080P 60FPS (16:9)
Storage	USB flash disk (64G) can be connected externally
Data Format	Picture: JPG format;Video:MP4 format
Basic Function	Freeze, photograph, video recording, automatic exposure, white balance, play back and cross curve
Image Effect	Exposure value, best brightness, RGB gain, saturability, contrast ratio, definition and HDR
Advanced Functions	Horizontal flip, vertical flip, zoom out, zoom in, AOI and image comparison
Image Transmission	Support real time multiple transmission by WIFI, and HDMI transmission
System Settings	Automatic/autonomous naming, show/hide time, show/hide LOGO, version information, language setting, resolution setting, naming setting, system update, factory reset, internal WIFI / external WIFI
PC Client	Windows system
Mobile Client	Android system, IOS system

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