

ALLTION®



AM-2000

Surgical Microscopes

Main Specification of AM-2000 Series Surgical Microscopes

Type	Standard	Optional
Magnification	Manual 5-step magnification	
	3.4X 5.3X 8.5X 13.6X 21X(In 250mm objective lens)	
Binocular	0-180°adjustable binocular	45° binocular
Range of Pupillary distance 50mm-75mm		
Eyepiece Field	12.5X/18B	10X/21B
Glass Technology	Premium quality apochromatic technology	
Diopter	± 7 D	
Optical Extender	30° binocular extender	90° binocular extender
Objective Lens	Objective lens 250mm	200mm/300mm/350mm/400mm/200-300mm variable
Illumination System	Long life LED	
	Maximum object illumination 80,000Lx	
	Color rendering 85%	
	Colortemperature 5700K	
	Three types of light spot: Maximum/Medium/Minimum(Without filter)	
	Two types of filter: Green/Yellow	
Camera	-	ALL-CAM2
Rated Voltage	Input: AC100-240V,50/60HZ,output: DC12V/3A	
Input Power	25-60VA	
Support System	Floor stand	Ceiling mount/Lowposition wallmount/High position wall mount/Fixed floor mount/Table mount

Details ofALL-CAM2 FULL FUNCTION CAMERA

Sensor	1/2"SONY high-sensitivity and low-noise CMOS
Resolution	HD 1080P 60FPS(16:9)
Storage	Built-in 32G SD memory space.USB flash disk can be connected externally
Data Format	Picture:JPG format;Video:MP4 format
WIFI	With the function of external WIFI,it can transmit images
Video Resolution	1080P
Basic Function	Freeze,photograph,video recording,automatic exposure,white balance,play back and cross curve
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	Internal/external storage, automatic/autonomous naming, Chinese/English,show/hide rulers, system update, factory reset, export and version information
PC Client	WINDOWSXP,WIN7,WIN 8,WIN 10
Mobile Client	Android system IOS system

Optical Parameter

Objective Lens	F200		F250		F300		F350		F400	
Magnification changer	Total Magnificatin	Field Of View (mm)	Total Magnificatin	Field Of View (mm)	Total Magnificatin	Field Of View (mm)	Total Magnificatin	Field Of View (mm)	Total Magnificatin	Field Of View (mm)
0.4	4.3X	51.5	3.4X	64.3	2.8X	77.2	2.4X	90.1	2.1X	102.9
0.6	6.4X	34.3	5.3X	42.9	4.4X	51.5	3.6X	60	3.2X	68.6
1.0	10.6X	20.6	8.5X	25.7	7.1X	30.9	6.1X	36	5.3X	41.2
1.6	17X	12.9	13.6X	16.1	11.3X	19.3	9.7X	22.5	8.5X	25.7
2.5	26.6X	8.2	21.3X	10.3	17.7X	12.4	15.2X	14.4	13.3X	16.5

ALLTIN®

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Microscopes Are Our Business & Customer Service Is Our Pride

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