

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	±6D									
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%									
	Color temperature 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/Low position wall mount/High position wall mount/Fixed floor mount/Table mount								
Details of ALL-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	WINDOWS XP, WIN 7, 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

ALLTION®

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Microscopes Are Our Business & Customer Service Is Our Pride

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