

ALLTION[®]



AM-2000
ENT Surgical Microscopes

Main Specification of AM-2000 Series ENT Surgical Microscopes

Type	Standard	Optional
Magnification	Manual 5-step magnification	
	3.4X, 5.3X, 8.5X, 13.6X, 21X(In 250mm objective lens)	
Binocular	Straight binocular	0-180°adjustable binocular
Range of Pupillary distance	50mm-75mm	
Eyepiece Field	12.5X/18B	10X/21B
Glass Technology	Premium quality apochromatic technology	
Diopter	±6D	
Objective Lens	Objective lens 250mm	200mm/300mm/350mm/400mm/200-300mm variable
	Long life LED	
Illumination System	Maximum object illumination $\geq 80,000\text{Lx}$	
	Color rendering $\geq 85\%$	
	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	USB flash disk can be connected externally
Data Format	Picture:JPG format;Video:MP4 format
WIFI	With the function of internal 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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2019.10 Printed in China