

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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