



| Main Function | | | | | | | |
|---------------|---|--|--|--|--|--|--|
| Ó | Image Capture | Instantly saves snapshots to storage device with one click | | | | | |
| ** | Video Recording | Starts/stops recording with a click; saves to storage device | | | | | |
| | Preview Jumps to stored images/videos for | | | | | | |
| | Settings | Opens configuration menu | | | | | |
| Listati | Measurement | Activates measurement tools | | | | | |
| | RJ45 Port | Enables dual display (monitor + PC); saves | | | | | |
| | | images to computer | | | | | |
| | Focus Stacking/Image Stitching | Combines multi-focus images into 3D composites for extended depth of field | | | | | |
| | Scan Trigger | External barcode scanner triggers automatic capture. | | | | | |
| - | External Keyboard/Nouse | Supports fast CN/EN input | | | | | |

| | Optical Lens 5A Kit | 0750AS4K Kit | | | |
|--------------------------------------|-------------------------|--|--|--|--|
| Optical System Specifications | Optical Zoom Ratio | 1:7.15 | | | |
| | Objective Magnification | | | | |
| | Camera Eyepiece | 0.7-5.0X | | | |
| | Magnification | 0.4X | | | |
| | Digital Magnification | 21-147X (27") /17-130X (23.8") | | | |
| | Field of View (FOV) | 2.2*4.0-16*28.5 mm | | | |
| | Working Distance | 105 mm | | | |
| | Center Distance | 115 mm | | | |
| | Resolution | 3840*2160P(4K) | | | |
| | Sensor Size | Huawei 1/1.8 | | | |
| | Pixel Size | 2.2µm*2.2µm | | | |
| | Bit Depth | 12BIT | | | |
| | Exposure Mode | Progressive Scan | | | |
| CCD System Specifications | White Balance | Manual/Auto | | | |
| CCD System Specifications | Focus Mode | Manual | | | |
| | Frame Rate | 60fps | | | |
| | Output Interface | HDMI | | | |
| | Output Color | Color/Monochrome | | | |
| | Power Output | 12V1A | | | |
| | Focusing Bracket | Coarse adjustment knob, 0–300mm travel | | | |
| Mounting System Specifications | Articulated Arm | Dimensions:35*45*330 mm | | | |
| | Work Platform | 320*260*15mm | | | |
| Lighting System Specifications | External light source | LED ring light, input voltage: AV100-240V wide voltage, brightness continuously adjustable | | | |
| оростисанона | Screen specifications | 23.8 inches | | | |
| Video Display System Specifications | Screen ratio | 16: 9 | | | |
| - | Picture Shooting | BMP/JPG | | | |
| | Storage Method | U disk | | | |
| | Video Shooting | H264/H265 | | | |
| Measurement Function | Identification Function | Point coordinates, crosshairs, coordinate lines, text annotations | | | |
| | length Measurement | Straight lines, polylines, curves, arcs, parallel line spacing, point line spacing | | | |
| | Center Distance | Two maintainess there is the transfer of | | | |
| | Measurement | Two-point circle, three-point circle | | | |
| | Geometric | Line length, line spacing, circle radius, concentric | | | |
| | Measurement | circles | | | |
| | Geometric Area | Circular area, square, triangle, polygon | | | |
| | Angle Measurement | Measurement of internal and external angles | | | |
| | Image Rotation | Vertical rotation, horizontal rotation | | | |

| | | Other | Other Functions Text editing and annotation | | | | | | |
|--|---------|---------|---|--------|-------------|-------|-------|--|--|
| | | | Microscope Head | | 1 | | | | |
| Configuration List | | | Microscope Bracket | | 1 | | | | |
| | | | LED Environmentally | | 1 | | | | |
| | | | Friendly Light Source | | | | | | |
| | | | HDMI Data Cable | | | | | | |
| | | | Mouse | | 1 | | | | |
| | | | | | | | | | |
| | | | Straightedge | | 1 | | | | |
| | | | U disk | | 1 | | | | |
| | | Inst | Instructions | | 1 | | | | |
| | | Inst | Installation | | 1 | | | | |
| | | Tools/ | Tools/Wrenches | | | | | | |
| | | M | Monitor | | 23.8 inches | | | | |
| Comparison Table of Microscope Magnification and Field of View Range | | | | | | | | | |
| | 0.7X | 1.0X | 1.5X | 2.0X | 3.0X | 4.0X | 5.0X | | |
| 23.8 inches | 17 | 26 | 39 | 52 | 78 | 104 | 130 | | |
| 28 inches | 21 | 29 | 43 | 58 | 87 | 116 | 147 | | |
| Field Of | | | | | | | | | |
| View Range | 16*28.5 | 11.2*20 | 7.4*13.3 | 5.6*10 | 3.7*6.6 | 2.8*5 | 2.2*4 | | |
| (mm) | 1 .1 | ••• | 41 (* 1 | | <u> </u> | 1 | | | |

If you need other magnification or other field of view configurations, please contact our engineers to configure them for you.