



MiScope® Megapixel MP4K

\$1,150.00

Extra Features | MiScope Megapixel MP4K

- MISCOPE MEGAPIXEL MP4K
- MISCOPE MEGAPIXEL MP4K-WUVIR

Quantity

-1+

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Product Description

MiScope® Megapixel MP4K (MISC-MP4K) is a premium plus grade lab quality portable digital microscope

- Ultra high-resolution lens
- Up to 360x magnification with a resolution close to 1 micron
- Connects to the USB port of your desktop or laptop computer
- Includes our upgraded Video Toolbox Premier PC Software with all PRO features plus side by side comparison, calibrated overlays, low-light frame averaging, enhanced measurement, pixel-level adjustment, magnifier window, edge detection, and optional CAD file import/export
- Optional IR and/or UV illumination (multi-spectral imaging)
- Includes varying thickness U-shim set, for fixed magnifications
- Working distance up to 2.5 inches, for up to 1.5 inch field of view (for lower magnification)
- Adjust the slider arm on the side of the MiScope MP4K to simultaneously control focus and zoom
- Frame rate up to 60 frames/second at HD resolution using USB 3.0; 30 frames/second at 4K resolution with barely perceptible lag (dependent on PC performance)

Options include:

MISC-MP4K-c2: MiScope Megapixel MP4K includes premium plus lab-quality camera, a resolution to 1 micron, up to 360x magnification, on/off switch for LEDs to use side or bottom lighting, with Video Toolbox Premier PC Software, variable U-shims for intermediate measurement, and USB 3.0 cable to connect to a computer.

MISC-MP4K-WUVIR-c2: Same as MiScope Megapixel MP4K but also includes on/off for white, UV and IR LEDs or turn all the LEDs off and use side or bottom lighting.

Warning: Infrared and Ultraviolet light is harmful. Do not expose eyes or skin to rays. Wear UV protective eyewear and protective clothing to prevent exposure.

These units are not recommended for unsupervised use by children.



Specifications

- Pixels: 13MP (4208 x 3120)
- Frame Rate: 30 frames/second at 4K (up to 60 frames/second at full HD resolution)
- up to 360x magnification
- Image sensor: 1/3" CMOS
- Power: USB 3.0 port
- Light source: super-bright white LEDs
- Resolution: about 1 micron
- Field of view:
- @10x: 33 x 22 mm
- @40x: 6 x 9 mm
- @360x: 0.45 x 1 mm (1x zoom full HD monitor)

Computer Requirements

Recommended system specifications:

- Pentium IV (4th generation or higher)
- Windows 7/8/10
- USB 3.0 Port (supports USB 2 port at a lower level of performance)
- 2+ GB of Free Memory
- Video card with 256 MB of video RAM
- Minimum 1280 x 1024 resolution at 16-bit color
- MAC Software optional (MiTools on Mac App Store)

Contact Zarbeco, LLC for recommended configurations.

[Download the brochure >](#)

Accessories



- [Articulated Arm Stand](#) - Adjustable articulated arm stand with table-edge attachment or desktop base. Comes with 11" articulated arm or 22" articulated arm.



- [Filter Wheel](#) - Two excitation sources and eight selectable cutoff filters, for studying visible IR luminescence/fluorescence imaging.



- [Live Insect Holder](#) - Image insects in a contained, sealed area for easier viewing

Reviews

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Product Details

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**Variant:** MiScope Megapixel MP4K  
**SKU:** MISC-MP4K-c2  
**Weight:** 1.3 lb  
**Product Type:** [MiScopes](#)

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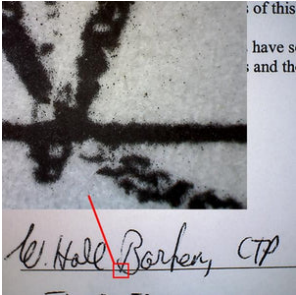
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