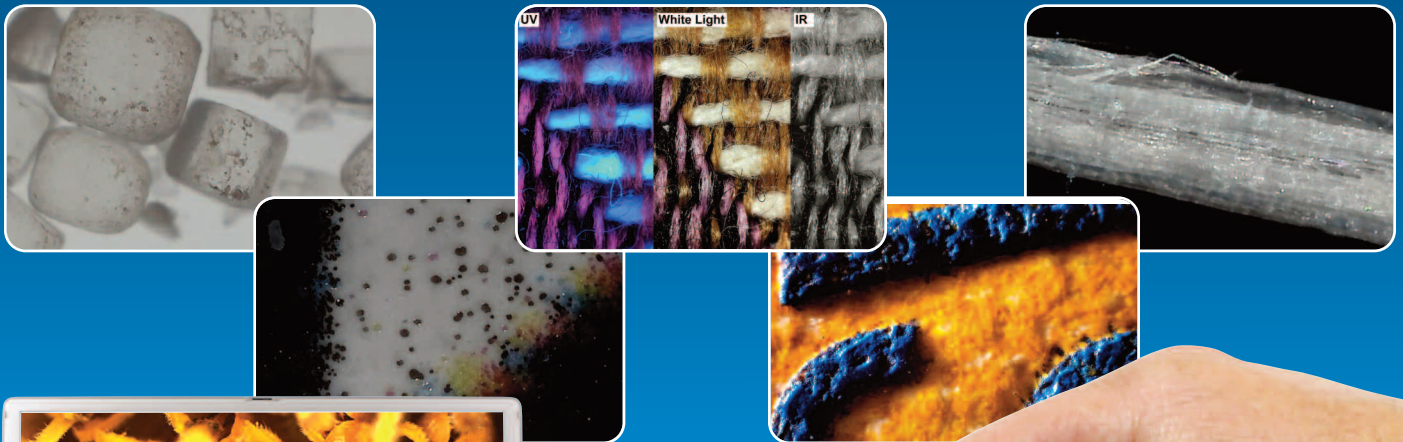


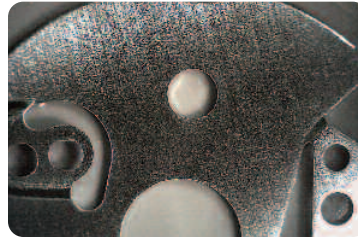
# Zoom in with Zarbeco

From security feature analysis to product line quality control and lab research, taking a closer look at whatever you need to see has never been easier with the MiScope – the handheld digital microscope! Depending on the image size and resolution quality you need, the MiScope and MiScope Megapixel both feature a portable suite of tools and accessories that gives anyone the power to capture, manage, label, present and view images or videos large and detailed on a computer screen in your lab, or out in the field to use remotely. And it all fits right in the palm of your hand! Proudly designed and manufactured in New Jersey.

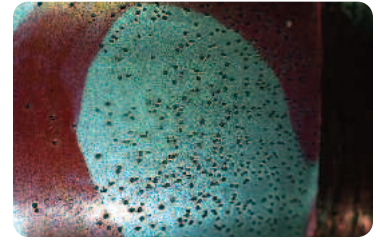


# Choose the MiScope that's perfect for your optical science needs.

Depending on the image size and resolution quality you need, the MiScope Megapixel MP3 and MiScope Megapixel MP4K both have a range of optional tools and accessories. Video ToolBox imaging software is included with both, enabling you to view live images on your computer screen and capture still pictures or movies which can be emailed or later displayed on a computer projector.



Metal surface, MiScope Megapixel IR, 40x



Powertrain, MiScope Megapixel IR, 12x

## MiScope® Megapixel MP3

### FEATURES

#MISC-MP3

- ▲ 10-180x magnification
- ▲ View live and capture images on the computer screen
- ▲ Portable with a laptop computer, touch-screen, tablet or mobile device
- ▲ Optional Extended Field (EF) with up to 2 1/2" view @6-123x
- ▲ USB 3.0 (backward compatible with USB 2.0 at slower speed)
- ▲ Optional IR and/or UV illumination (Multi-spectral imaging)
- ▲ Optional filter set or filter wheel for IR Luminescence imaging
- ▲ Includes our Video Toolbox PRO PC Software for capturing still and moving images, time lapse, enhanced measurement, labeling, draw-on features and digital zoom
- ▲ Includes varying thickness Ushim set for fixed magnifications
- ▲ Optional VTB Premier Software Includes: calibrated overlays, side by side comparisons, edge detection, optional CAD overlay

### SPECIFICATIONS

- Image sensor: 1/3" CMOS
- Pixels: 3.4 MP (2304 x 1536)
- Frame rate: 24 frames/second (up to 60 frames/second at HDMI)
- Power: USB 3.0 port
- Light source: super-bright white LEDs
- Field of view:
  - @10x: 33 x 22 mm
  - @35x: 6 x 9 mm
  - @180x: 2 x 3 mm (1x screen)
- Resolution: <1.7 microns

### COMPUTER REQUIREMENTS

**Minimum system requirements:** Pentium IV 1.5 GHz or faster, Windows 7/8/10, DirectX 8.1 or greater, USB 2.0 Port (USB 3.0 port suggested), 2+ GB of Free Memory, Video card with 256 MB of video RAM, minimum 1280 x 1024 resolution at 16-bit color (contact Zarbeco for recommended system requirements). MiTools Mac® Software optional. Android™ 4.2 or higher; compatible with third-party app.

## MiScope® Megapixel MP4K

### FEATURES

#MISC-MP4K

- ▲ Ultra high resolution lens
- ▲ Resolution to 1 micron with up to 400x magnification
- ▲ 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 tools, 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 Ushim set, for fixed magnifications
- ▲ Working distance up to 2.5 inches, for up to a 1.5 inch field of view
- ▲ 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 USB3; 30 frames/second at 4k resolution with barely perceptible lag (dependent on PC performance)

### SPECIFICATIONS

- Image sensor: 1/3" CMOS
- Pixels: 13 MP (4208 x 3120)
- Frame rate: 30 frames/second at 4K (up to 60 frames/second at full HD)
- Power: USB 3.0 port
- Light source: super-bright white LEDs
- Field of view:
  - @10x: 33 x 22 mm
  - @35x: 6 x 9 mm
  - @400x: 2 x 3 mm (1x screen)
- Resolution: 1 micron

### COMPUTER REQUIREMENT

**Minimum system requirements:** Pentium IV (4th generation or higher) 1.5 GHz or faster, Windows 7/8/10, DirectX 8.1 or greater, USB 2.0 Port (USB 3.0 port suggested), 2+ GB of Free Memory, Video card with 256 MB of video RAM, minimum 1280 x 1024 resolution at 16-bit color (contact Zarbeco for recommended system requirements).

## ACCESSORIES FOR MISCOPE

### MEGAPIXEL MP3 & MP4K

or our complete line of accessories and tools that can enhance product performance and experience, please visit our website or contact us for more information today.



### FILTER WHEEL

Filter wheel/stand with 8 filters and 2 LED sources, LED power supply and 9 volt battery turns your MP3 into an imaging luminescence/fluorescence comparator. #MMP-FW-002



### Articulated Arm

Articulated arm with quick lock knob, table clamp or desktop base and holder (with bubble level). Easily adjust the position of the MiScope, then lock the entire arm with one turn of the knob. 11" reach. Heavy duty clamp attaches to a table or post.



### PRE Lighting Kit

Includes a custom premium hard case with foam tray insert, slim light table, flashlight and flashlight holder. #MP-PRE

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