

# Mighty Cam 3.0

USB 6 Megapixel Sensor & Imaging Software

6 Megapixel  
Sensor

Stunning High-  
Resolution

USB 3.0  
Output

Minimal Lag  
Time

Save & Share  
Images

Imaging  
Software



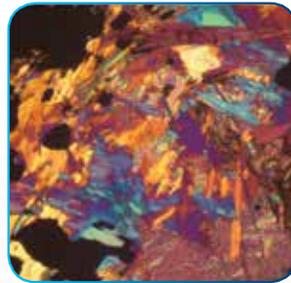
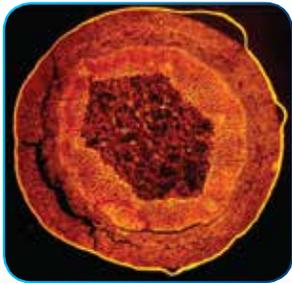
Professional Sony 6M  
CMOS Sensor



Easy Plug-and-Play USB  
3.0 Output

Universal  
c-mount

Shown on  
an Aven  
Stereo Zoom  
Microscope



## Inspect from your Computer in Real Time

Introducing Aven's Mighty Cam USB 6M CMOS Camera with imaging and measurement software. Create stunning images with outstanding clarity then measure, annotate and analyze easily with Mosaic 2.0. The Mighty Cam is equipped with a 6 megapixel sensor and a USB 3.0 output, providing stunning, true-to-life images with minimal lag time.

- 6 megapixel sensor
- Universal c-mount lens
- USB 3.0 output for stunning images at minimal lag time
- Imaging and measurement software to save, share, and manipulate images

### MIGHTY CAM 3.0 USB CAMERA W/ IMAGING SOFTWARE

SKU	26100-244
SENSOR	CMOS, 1/1.8"
PIXEL SIZE	2.4 x 2.4(μm)
RESOLUTION	3072(H) x 2048(V)
FRAME RATE	40fps @6MP
SHUTTER MODE	Global
CONFIGURATION	CPU: Intel Core i5 or better (Quad or more Core), RAM: 8G or more, OS: Windows 7/8/10 64bit
WEIGHT	330g



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Ergonomic  
Design

Reduces Fatigue  
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Save &  
Share  
Images

Imaging  
Software

High  
Magnification

26x -349x  
on 22"  
Monitor



# Mighty Cam USB

## Digital Microscope

### W/ Double Arm Boom Stand

Designed for high magnification, this specialized digital microscope has a magnification range of 26.2x - 349.3x (on 22" monitor in full screen mode). This system includes Aven's Mighty Eidos - Integrated HD monitor and inspection camera. View High Res 1080p HD images on the 11.6" LCD monitor. No computer or external monitor required for inspection or image/video capture. The monitor can be tilted to the ideal viewing angle. Built-in USB output for PC connectivity. Includes a 1x objective lens and a 0.5x objective lens. The system also includes Aven's Double Arm Boom Stand for easy scanning over larger objects.

**\*Monitor not included\***

### Features:

- USB 6M CMOS Camera with Imaging Software
- Professional Sony 6M CMOS Sensor (3072(H) x 2048(V))
- Easy Plug and Play USB 3.0 Interface
- Create large panoramic images with real-time stitching feature
- Optional vertical extension post available
- Ideal for use when large objects are to be viewed
- Compact and Light Weight
- Versatile C/CS lenses mount
- Save high resolution image files
- Calibrate accurate measurements
- Adjust the depth of field in real time

### Digital Microscope Mighty Cam USB With Double Arm Boom Stand

Item Number	MLS640-244-534
Magnification	52.4x - 349.3x w/ 1x Objective Lens
Magnification	26.2x - 174.6x w/ .5x Objective Lens
Resolution	3072(H) x 2048(V)
Frame Rate	40FPS
Sensor	6mp CMOS 1/1.8" sensor
Data Interface	USB 3.0
Package Contents	Mighty Cam USB, Double Arm Boom Stand, LED Ring Light, Micro Lens System Zoom, Micro Lens Adapter Plate, .5x Objective Lens E-Arm Focus Mount, 1x Objective Lens



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26x -349x  
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# Mighty Cam USB

## Digital Microscope W/ Ultra Glide Stand

Designed for high magnification, this specialized digital microscope has a magnification range of 26.2x - 349.3x (on 22" monitor in full screen mode). This system includes Aven's Mighty Eidos - Integrated HD monitor and inspection camera. View High Res 1080p HD images on the 11.6" LCD monitor. No computer or external monitor required for inspection or image/video capture. The monitor can be tilted to the ideal viewing angle. Built-in USB 3.0 output for PC connectivity. Includes a 1x objective lens and a 0.5x objective lens. The system also includes Aven's Ultra-Glide Arm Stand for easy scanning over larger objects.  
**\*Monitor not included\***

### Features:

- USB 6M CMOS Camera with Imaging Software
- Professional Sony 6M CMOS Sensor (3072(H) x 2048(V))
- Easy Plug and Play USB 3.0 Interface
- Create large panoramic images with real-time stitching feature
- Ideal for use when large objects are to be viewed
- Compact and Light Weight
- Versatile C/CS lenses mount
- Save high resolution image files
- Calibrate accurate measurements
- Adjust the depth of field in real time

### Digital Microscope Mighty Cam USB With Ultra Glide Stand

Item Number	MLS640-244-556
Magnification	52.4x - 349.3x w/ 1x Objective Lens
Magnification	26.2x - 174.6x w/ .5x Objective Lens
Resolution	3072(H) x 2048(V)
Frame Rate	40FPS
Sensor	6mp CMOS 1/1.8" sensor
Data Interface	USB 3.0
Package Contents	Mighty Cam USB, Ultra Glide Stand, LED Ring Light, Micro Lens System Zoom, Micro Lens Adapter Plate, .5x Objective Lens E-Arm Focus Mount, 1x Objective Lens



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# Mighty Cam USB

## Digital Microscope

### W/ Standard Post Stand

Designed for high magnification, this specialized digital microscope has a magnification range of 26.2x - 349.3x (on 22" monitor in full screen mode). This system includes Aven's Mighty Eidos - Integrated HD monitor and inspection camera. View High Res 1080p HD images on the 11.6" LCD monitor. No computer or external monitor required for inspection or image/video capture. The monitor can be tilted to the ideal viewing angle. Built-in USB output for PC connectivity. Includes a 1x objective lens and a 0.5x objective lens. The system also includes Aven's standard post Stand for easy scanning over larger objects.

**\*Monitor not included\***

### Features:

- USB 6M CMOS Camera with Imaging Software
- Professional Sony 6M CMOS Sensor (3072(H) x 2048(V))
- Easy Plug and Play USB 3.0 Interface
- Create large panoramic images with real-time stitching feature
- Ideal for use when large objects are to be viewed
- Compact and Light Weight
- Versatile C/CS lenses mount
- Save high resolution image files
- Calibrate accurate measurements
- Adjust the depth of field in real time

### Digital Microscope Mighty Cam USB With Standard Post Stand

Item Number	MLS640-244-570
Magnification	52.4x - 349.3x w/ 1x Objective Lens
Magnification	26.2x - 174.6x w/ .5x Objective Lens
Resolution	3072(H) x 2048(V)
Frame Rate	40FPS
Sensor	6mp CMOS 1/1.8" sensor
Data Interface	USB 3.0
Package Contents	Mighty Cam USB, Standard Post Stand, LED Ring Light, Micro Lens System Zoom, Micro Lens Adapter Plate, .5x Objective Lens E-Arm Focus Mount, 1x Objective Lens