



Tools for  
Advancing  
Innovation

Included Software <b>Mosaic 2.1</b>	HDMI, USB and SD Card Outputs Capture & Save Images Directly To SD Card	Integrated Ring Light <b>60 Dimmable LEDs</b>	7x-70x Magnification <b>Auto Focus</b>
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# Mighty Cam Pro

## Auto Focus Digital Microscope

### W/ Macro Lens on Double Arm Boom Stand

High definition 1080P auto focus inspection system with a 22" monitor offering superb image quality at 60 frames per second. Working distance 6" with magnification range of 7x-70x. You can operate this system with or without a PC. Without a PC camera connects directly to the included HDMI monitor. View and record images and perform measurements using the included on screen tools. Images & videos can be saved to the included SD card. Connect the camera to a PC to utilize more advance features in the included software. LED Ring Light is built into the focus mount to ensure that it is secure and will not come loose. Ideal for applications that require operators to scan over large objects

#### Features:

- Fast auto focus camera achieves instant clear images with no need to adjust the lens
- Camera features HDMI and USB outputs
- Inspect directly on an HD monitor or from a computer
- Advanced imaging/measurement software included
- 7x - 70x magnification at a 6 inch working distance
- Includes Aven's E-Arm Focus mount with built-in LED ring light
- LED Ring Light is built into the focus mount to ensure that it is secure and will not come loose

Digital Microscope Mighty Cam Pro Macro Lens with Double Arm Boom Stand	
Item Number	258-209-534
Magnification	7x-70x
Resolution	2MP 1920x1080
Frame Rate	60 fps @HDMI, 30fps @USB2.0
Video Recording	30fps @SD Card, 30 fps @PC
Outputs	HDMI, USB2.0 and SD Card
PC Software	Mosaic 2.1
Package Contents	Mighty Cam Pro, Double Arm Boom Stand Computer Macro Lens E-Arm Focus Mount with LED Ring Light 22" HD Monitor, Computer Lens Adapter



Tools for  
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Included Software  
Mosaic 2.1

HDMI, USB and SD Card Outputs  
Capture & Save Images Directly To SD Card

Auto Focus  
Full HD 1080p

60fps HDMI  
30fps SD Card, PC and USB

# Mighty Cam Pro

## Auto Focus HDMI/USB/SD

Aven's Mighty Cam Pro is an all-in-one inspection auto-focus camera. This camera offers both USB and HDMI outputs for inspection from an HD monitor or your PC via the included Mosaic software. This camera features integrated measurement capabilities for measuring without a PC. This camera also features a built-in SD card port for capturing instant high resolution images with no need for a PC.



### Integrated Measurement System \*No PC Required\*



Built in on screen tools provide powerful measurement functions including freehand line, rectangle, polygon, circle, bicircle, angle, point-line distance and much more. Three different length units of millimeter, centimeter and micrometer are provided to meet various measurement requirements in different applications. Simple calibration tool is also included.

### Mosaic Software Included

Compatible with Mosaic V2.1 Computational Imaging Software. Fast, efficient and worry-free is the core design concept of Mosaic V2.1 software. It adopts a new image "shooting-processing-measurement-reporting" function, modular design, and integrates various intelligent image processing algorithms. It is dedicated to providing users with more simple operation modes and improve work efficiency in all circumstances.

### Real-Time Image Stitching

It can generate large-sized mosaic images in a few seconds while moving the stage, which is light, smooth and worry-free! Real-time depth-of-field fusion.

### Perfect Color Reproduction

Aven's color processing is capable of a new level of precision, matches the monitor image to the eyepiece view, produces extremely-high color definition.

Macro Lens



Macro Lens



Micro Lens



Micro Lens

