



Tools for
Advancing
Innovation

Built-In
Measurement
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.

Macro Lens



Micro Lens



Mighty Cam Pro Features:

- Camera offers both continuous and single-shot auto focus modes.
- Data transfer up to 60 frames per second
- HDMI, USB2.0 and SD card outlets
- Save images directly to SD card *no computer required*
- Includes software Mosaic 2.1
- Attachable lenses available for purchase
- Attachment on back of camera to easily attach to N-Mount
- Real time image stitching
- Perfect color reproduction
- Professional digital image measurement software system

Mosaic 2.1

Imaging Software

Flip over to read more about this software



Mighty Cam Pro	
Item Number	26100-258
PC Software	Mosaic 2.1
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
Package Contents	Mighty Cam Pro, power supply, a USB Mouse and an SD Card



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Included
Software

Mosaic 2.1

HDMI, USB
and SD Card
Outputs

Capture & Save
Images Directly
To SD Card

Integrated
Features

22" 1080p
HD Monitor

7x-70x
Magnification

Auto Focus



Mighty Cam Pro

18" Flex Arm

W/ 360 Swivel Head and 2" Table Clamp

22" HD Monitor Included

18" Flexible Arm Stands are a hassle-free addition to your inspection system. The arm easily bends and stays put in any position. Tilt, rotate, and position as needed. Features a universal 1/4-20" screw mount, compatible with many inspection cameras, consumer cameras, as well as Aven's Cyclops Digital Microscope.

Features:

- USB and HDMI outputs - connect to PC or an HD monitor
- Built-in measurement software - no PC required
- 7x-70x Magnification
- Crystal clear high resolution images
- 18" flexible arm. Stays in place in any position
- 1/4" screw mount compatible with many retail cameras, inspection cameras as well as the Cyclops Digital Microscope
- Features an attached 3" magnetic base

Mighty Cam Pro Auto Focus Digital Microscope With Flex Stand

Item Number	26700-121-PRO
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 USB/HDMI AutoFocus 18" Flex Arm with Table Clamp, Computer Macro Lens, 22" HD Monitor, LED Ring Light



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Included
Software

Mosaic 2.1

HDMI, USB
and SD Card
Outputs

Capture & Save
Images Directly
To SD Card

Dual
Gooseneck
LED

Bright
Shadow-Free
Illumination

7x-70x
Magnification

Auto Focus



Mighty Cam Pro

Auto Focus Digital Microscope W/ Pneumatic 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. The included dual gooseneck LED light allows you to illuminate the object to get the sharpest and greatest detail. The versatile Pneumatic Arm Stand provides multiple configuration options. The stand features an adjustable spring-balanced arm to mount the camera. By elevating the camera off of the work surface, operators can save valuable bench space..

Features:

- Achieve instant auto focus – no need to adjust the focus of the lens
- Superior optics: 7x-70x magnification at a 6" working distance
- Crystal clear viewing: 22" 1080p monitor
- No computer required for image processing
- Features on-screen measurement tools for HDMI mode - no PC required
- Dual pipe lights on flexible gooseneck
- USB and HDMI outputs for use with a PC or HD monitor
- Built-in measurement software - no PC required
- Advanced measurement software included for use with PC
- Built-in SD card slot - save images and videos
- Spring balanced arm is designed to mount a digital microscope
- The spring balanced arms can be moved and angled to the ideal configuration
- Eliminates the fatigue and eye strain associated with frequent microscope use

Mighty Cam Pro Auto Focus Digital Microscope W/ Pneumatic Arm Stand	
Item Number	258-181-551-PRO
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 Package, Pneumatic Arm, Swivel 360 Tripod Ball Head, Dual Gooseneck LED Tasklight, Computer Lens 10x, 22" LCD HD Monitor



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Mighty Cam Pro

Auto Focus

Digital Microscope

W/ Dual Pneumatic 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. The included dual gooseneck LED light allows you to illuminate the object to get the sharpest and greatest detail. The versatile Dual Arm Stand provides multiple configuration options. The stand features two adjustable spring-balanced arms to mount the camera and the monitor. By elevating the monitor and camera off of the work surface, operators can save valuable bench space.



Tiltable Focus Mount



Features:

- 1080p Full HD Imaging at 60 FPS
- Dual outputs - connect to PC or HD monitor
- USB output connects to PC
- Built-in measurement software - No PC required
- Tiltable focus mount
- Dual Gooseneck LED pipe lights for shadow free illumination
- Advanced measurement software included for computer connectivity
- Achieve instant auto focus
- Enhances productivity - eliminates eye strain and body fatigue
- 22" HD Monitor Included
- Save high resolution image/video files directly to SD card
- 1080p Full HD Output
- 7x-70x Magnification

Included Software	HDMI, USB and SD Card Outputs	Dual Goosneck LED	7x-70x Magnification
Mosaic 2.1	Capture & Save Images Directly To SD Card	Bright Shadow-Free Illumination	Auto Focus

Mighty Cam Pro Auto Focus Digital Microscope W/ Dual Pneumatic Arm Stand

Item Number	258-181-552-PRO
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 Package, Dual Pneumatic Arm, LED Dual Gooseneck Task Light, Swivel 360 Tripod Ball Head, Computer Lens 10x, 22" LCD HD Monitor



Tools for
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360
Rotation

Inspection
From All
Angles

HDMI, USB
and SD Card
Outputs

Capture & Save
Images Directly
To SD Card

Gooseneck
LED Task
Light

Shadow Free
Illumination

High
Magnification

7x-70x

Mighty Cam Pro

Auto Focus HDMI/USB
W/ Macro Lens, Ultra-Glide Stand,
LED Task Light and 22" Monitor

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. The included dual gooseneck LED light allows you to illuminate the object to get the sharpest and greatest detail.



Features:

- Includes software Mosaic 2.1
- HDMI, USB2.0 and SD card outlets
- Data transfer up to 60 frames per second
- Heavy metal base provides excellent stability
- Ball Joint provides 360 degree rotation
- Save images directly to SD card *no computer required*
- Smooth gliding arm allows to move easily across object being viewed
- 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 Dual Gooseneck LED Task Light, 22" HD monitor

Mighty Cam Pro Camera with Macro Lens, Ultra-Glide Stand and LED Task Light

Item Number	258-181-556-PRO
Magnification	7x -70x (at 6in working distance)
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 USB/HDMI AutoFocus Dual Gooseneck LED task Light, Computer Macro Lens, 22" HD Monitor, Ultra-Glide Arm Stand



Tools for
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Included
Software

Mosaic 2.1

HDMI, USB
and SD Card
Outputs

Capture & Save
Images Directly
To SD Card

Dual LED
Gooseneck

Bright
Shadow-Free
Illumination

6" Working
Distance

7x-70x
Magnification



Mighty Cam Pro

Auto Focus Digital Microscope On Post 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. The included dual gooseneck LED light allows you to illuminate the object to get the sharpest and greatest detail.



Features:

- 1080p Full HD Imaging at 60 FPS
- Dual outputs - connect to PC or HD monitor
- USB output connects to PC
- Built-in measurement software - No PC required
- Advanced measurement software included for computer connectivity
- Achieve instant auto focus
- Enhances productivity - eliminates eye strain and body fatigue
- 22" HD Monitor Included
- Save high resolution image/video files directly to SD card
- 1080p Full HD Output
- 7x-70x Magnification
- Dual LED Gooseneck Lights

Mighty Cam pro Auto Focus Digital Microscope W/ Post Stand

Item Number	258-181-576-PRO
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, N Mount Post Stand, Dual Gooseneck LED Light, Swivel 360 Tripod Ball Head, Computar Lens 10x, 22" LCD Monitor



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Mighty Cam Pro

Auto Focus HDMI/USB

W/ Macro Lens, Post Stand, LED Task Light and 22" Monitor

This complete inspection system includes Aven's Mighty Cam Pro, featuring HDMI and USB outputs. Inspect from an HD Monitor or on a computer. Measurement software included. The camera also features an SD card slot for image capture with no computer required.



Included
Software

Mosaic 2.1

HDMI, USB
and SD Card
Outputs

Capture & Save
Images Directly
To SD Card

Gooseneck
LED Task
Light

Shadow Free
Illumination

High
Magnification

11x-72x

Features:

- Camera offers both continuous and single-shot auto focus modes.
- Data transfer up to 60 frames per second
- Heavy metal base provides excellent stability
- Dual gooseneck task light provides shadow free illumination
- HDMI, USB2.0 and SD card outlets
- Save images directly to SD card *no computer required*
- Includes software Mosaic 2.1

Mosaic Software

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.

Mighty Cam Pro Camera with Macro Lens, Post Stand and LED Task Light

Item Number	258-181-570
Magnification	11x -72x (at 6in working distance)
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 USB/HDMI Auto Focus Dual Gooseneck LED task Light, Computer Macro Lens, 22" HD Monitor, Standard Stand and N-Type Focus Mount



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Mighty Cam Pro

Auto Focus HDMI/USB

On Post Standard 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 3x-43x. 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. The included LED ring light allows you to illuminate the object to get the sharpest and greatest detail.



Included
Software

Mosaic 2.1

HDMI, USB
and SD Card
Outputs

Capture & Save
Images Directly
To SD Card

LED Ring
Light

Adjustable
Illumination

3x-43x
Magnification

Auto Focus

Features:

- 3x-43x Magnification
- Provides instant focus from any angle
- Sharp 1080p Full HD image
- Capture high resolution image/video files directly to the included SD card, with no need for an external recording device.
- USB Output connects Mighty Cam Pro to your PC
- Advanced software included
- Significantly reduces inspection time
- Includes controller for access to settings menu
- Alleviate the eye strain and neck fatigue associated with frequent microscope use

Mighty Cam Pro Camera On Post Standard Stand and LED Task Light

Item Number	26700-108-PRO
Magnification	3x-43x
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 USB/HDMI AutoFocus, LED Ring Light, 22" HD Monitor, Standard Stand and N-Type Focus Mount



Tools for
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Included Software	HDMI, USB and SD Card Outputs	LED Ring Light	High Magnification
Mosaic 2.1	Capture & Save Images Directly To SD Card	Adjustable Illumination	28.8x-384x

Mighty Cam Pro

Auto Focus HDMI/USB

On Standard Stand W/ Micro Lens

High definition 1080P auto focus inspection system with a 22" monitor offering superb image quality at 60 frames per second. Magnification range: 28.8x-384x. 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.



Features:

- 28.8x-384x Magnification
- Provides instant focus from any angle
- Sharp 1080p Full HD image
- Capture high resolution image/video files directly to the included SD card, with no need for an external recording device.
- USB Output connects Mighty Cam Pro to your PC
- Advanced software included
- Significantly reduces inspection time
- Includes controller for access to settings menu
- Alleviate the eye strain and neck fatigue associated with frequent microscope use

Mighty Cam Pro Camera with Micro Lens, Post Standard Stand and LED Task Light

Item Number	26700-109-PRO
Magnification	28.8x-384x
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 USB/HDMI AutoFocus, LED Ring Light, 22" HD Monitor, Avens Micro Lens Zoom, 0.5x Lens, Standard Stand and N-Type Focus Mount