



Tools for
Advancing
Innovation

V2_07-2019

Mighty Scope HD

High Definition Digital Microscope

HDMI Connects
Directly to
Monitor

No Computer
Required

1080p
Resolution

Freeze Frame
Mode

Adjustable LED
Lighting

Fully Adjustable
Stand

Digital Zoom
Up to 2x
On-Screen

3x-270x Optical
Magnification



Small, But Mighty

Inspect and analyze with ease directly from your HD monitor. Compact and handy, the Mighty Scope HD can be mounted to its stand or be used hand held, and produces detailed true-to-life images. Built-in features include digital zoom, LED brightness control, focus control, and on-screen menu controls. The Mighty Scope HD is ideal for applications where computer use is not feasible, such as workbenches with space limitations and assembly lines.

Features

- 1080p resolution
- 3x—270x optical magnification
- Up to 2x digital magnification
- Freeze Frame mode
- Adjustable screen settings
- 6 adjustable LEDs
- Easy HDMI plug-and-play

OTHER MIGHTY SCOPE PRODUCTS FROM AVEN

Item #	Description
26700-209	Mighty Scope 5M USB Digital Microscope
26700-209-PLR	Mighty Scope 5M USB Digital Microscope w/ Polarizer
26700-207	Mighty Scope NIR 5M USB Digital Microscope
26700-200	Mighty Scope 1.3M USB Digital Microscope
26700-200-PLR	Mighty Scope 1.3M USB Digital Microscope w/ Polarizer
26700-205	Mighty Scope UV 1.3M USB Digital Microscope
26700-204	Mighty Scope 500X 1.3M USB Digital Microscope

For the full line of Mighty Scope accessories and stands, visit www.aventools.com

MIGHTY SCOPE HD DIGITAL MICROSCOPE

Item #	26700-230
Effective Pixels	1280x1024
Image Sensor	1/4" CMOS color
Video Format	1080p @ 60 frames per second
Magnification	3x-270x
LED Lighting	6 LEDs with brightness control
Signal Output	HDMI
Gain Control	Automatic
Digital Magnification	Up to 2x on-screen digital zoom
Power Consumption	5V 470 mA
Stand	6" pole stand with fine focus adjustment
LED Type	6 adjustable white LEDs
Package Contents	Mighty Scope HD, HDMI cable, adjustable stand, manual, power adapter

Mighty Scope 5M USB Digital Microscope

Inspect, Analyze and Measure with Ease

Compact, convenient and sophisticated, Aven's Mighty Scope 5M USB easily connects to your computer for effortless on-screen digital inspection. View true-to-life images with a magnification range of 10x—50x optical and up to 200x digital. Built-in features include six adjustable LEDs, snapshot button, and a focus wheel to bring images into focus at any working distance.

The Mighty Scope 5M USB includes the exclusive ezImage software. Capture images or videos, make measurements, and annotates. Includes freeze frame and live comparison modes.

The Mighty Scope 5M USB is an essential tool for engineers, scientists, doctors, lab techs, forensic examiners, educators, and more.

See the full line of Aven Mighty Scopes and Mighty Scope accessories at www.aventools.com

Features

- 10x—50x optical magnification
- Up to 200x digital magnification
- Easy USB plug-and-play
- Light adjustment knob controls six LEDs
- Adjustable focus wheel
- Built-in snapshot button
- Captures pictures, records video, shares content and performs live comparisons using ezImage software

ITEM #	DESCRIPTION
26700-209	Mighty Scope 5M USB Digital Microscope
26700-209-PLR	Mighty Scope 5M USB Digital Microscope w/ Polarizer

For the full line of Mighty Scope accessories and stands, visit www.aventools.com

USB Connects
Directly to
Monitor

Process &
Share Images

200x Digital
Magnification

10x—50x Optical
Magnification

Built-In
Features

Adjustable LEDs
& Focus Wheel

ezImage
Software
Included

Measure, Share
and Annotate



MIGHTY SCOPE 5M DIGITAL MICROSCOPE

Image Sensor	1/4" color CMOS
Effective Pixels	5.0M
Frames Per Second	640 x 480: 30fps 1024 x 768 : 30fps 2048 x 1536: 15fps
Optical Magnification	Resolution: 640 x 480 Max.~95X Resolution: 1024 x 768 Max.~150X Resolution: 2048 x 1536 Max.~300X Resolution: 2592 x 1944 Max.~380X
Digital Magnification	Max. 200x
Gain Control	Automatic
Snap Shot Mode	Hardware & software controllable
White Balance	Automatic
Power Source	5VDC through USB port
Operating System Capability	Windows XP SP3, Vista, 7, 8, & 10 Mac OSX 10.6 or above
Power Consumption	260mA (AVG)
Light Source	Six White LEDs
Working Distance	At 10x, 112mm At 20x, 42mm At 30x, 19mm At 40x, 8.5mm
Package Contents	Mighty Scope 5M, metal stand, ezImage Capture software, manual

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Aven:](#)

[26700-204](#) [26700-209](#) [26700-200-PLR](#) [26700-230](#) [26700-209-PLR](#) [26700-205](#) [26700-207](#) [26700-200](#)