AVEN | Tools for Advancing Innovation

HDMI Connects Directly to Monitor | 1080p Resolution | Adjustable LED Lighting | Digital Zoom Up to 2x On-Screen

No Computer Required | Freeze Frame Mode | Fully Adjustable Stand | 3x-270x Optical Magnification

Mighty Scope HD

High Definition Digital Microscope



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

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

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**

AVEN | Tools for Advancing Innovation

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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 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 Microsccope w/ Polarizer

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

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