

Celestron Microdirect 1080p HDMI Handheld Digital Microscope

AUD
\$424.99

Product Images



Short Description

- 1080p video streaming of microscopic worlds via included HDMI cable directly to your monitor or projector. NO COMPUTER NEEDED!

- 3.5MP high speed sensor has larger pixel sizes that allow more details and a higher refresh rate
- 10x to 220x power magnification
- Records high definition still images. Images are saved directly to a Micro SD card (not included)
- Capture 720p High Definition video at 30 fps when connected to a PC via USB using the downloadable Celestron Portable Capture HD software.

Description

We're taking our handheld digital microscope line to the next level with the MicroDirect 1080p HDMI Handheld Digital Microscope. Perfect for teachers, students, entomologists, forensic scientists, microscopic explorers, and more. This microscope not only offers true 1080p, high definition viewing, but also still image and video recording.

A New View

The MicroDirect 1080p HDMI Handheld Digital Microscope streams in amazingly clear 1080p HD video via HDMI cable-directly through a TV monitor or projector-- No computer needed. This microscope can connect to any compatible monitor or projector via HDMI cable for real 1080p HD video streaming at up to 220x magnification. That means high quality viewing of 3D specimens, samples, and even some slides!

REAL HD Video and Imaging

Great for the classroom, lab or home, the 3.5MP high speed sensor allows for high definition streaming and still image and video recording. Still images can be saved directly to the on-board Micro SD slot (card not included) while viewing on monitor. The downloadable PC software and USB cable make recording HD videos simple. Use the included fully adjustable stand to steady the microscope to get the perfect image or video.

Additional Information

Specifications

Type of Microscope	Handheld Digital HD
Nosepiece	Clear plastic
Objective(s) Type	Single adjustable internal objective
Focus Type(s)	Barrel focus: Course Focus Fine Focus
Magnification Range	10x to 220x
Illumination Type	Ring Illuminator- 8 LED-Adjustable
Illumination Position(s)	Upper- At Nose
Illumination Adjustability Mechanism	Adjustment Wheel- On barrel
Power Source	120V- USB 2.0 with micro USB port at microscope (User supplied plug/adaptor)
Eyepiece Type	CMOS Sensor in lieu of eyepiece
Sensor Size	3.5MP 1/3"
Pixel Size	2.3 µm
Screen type	Monitor (HDMI) PC Screen (USB 2.0)
Screen Size	Connects via HDMI to any monitor or projector or connect to computer (using screen) via USB 2.0
Memory Type	Micro SD card slot (card not included)
Memory Size	Up to 32G
Port(s) In	Micro USB 2.0 (pwr)
Port(s) Out	Mini HDMI
Still image capture resolution	5120x720 (Interpolated) 3849x2169 (Interpolated) 3072x1728 (Interpolated) 2304x1296 1920x1080 WVGA
Video resolution	Streaming (via HDMI): 1080p (1920 x 1080) Recording (USB 2.0) 1280 x 720 (720p) @30fps/ 848 x 480 @ 30 fps/ 640 x 480 (Max frame rate 30fps)
Shutter trigger position	On body
Shutter Speed	1 sec. to 1/1000 sec.
Software	HDMI Direct connect: No Software needed USB 2.0 PC connect: Celestron Portable Capture Pro HD
Software compatibility	Windows: 7.1/10 Mac: Not Compatible
Microscope Dimensions	Microscope: 155.6mm x 38mm x 38mm (6.125" x 1.5" x 1.5") Stand: 119mm x 171.4mm x 482.6mm (4.68" x 6.75" x 6.19")
Microscope Weight	1.3 lbs (590g) (including stand)
Included Accessories	Adjustable Stand USB 2.0 cable Calibration ruler HDMI cable Lens cloth Quick Setup Guide