



Monitor not included

| | | | |
|---|---|--|--|
| HDMI & USB Outputs PC or Monitor Use | 1080p Resolution 4x Objective Lens | Designed for Operator Comfort Reduces Neck & Eye Fatigue | Infrared Remote Control Advanced PC Software |
|---|---|--|--|

CUSTOMIZE YOUR CYCLOPS



4x Long Focus Lens
offers higher magnification at
the same working distance



18" Flex Arm
tilt, rotate and position
your Cyclops as needed



Objective Lens 10x
offers higher magnification
for small objects



**Objective Lens 4x
with Polarizer**
reduces glare from
small and shiny parts

Cyclops

HDMI & USB Digital Microscope

Aven's Cyclops Digital Microscope is the most flexible digital microscope available. Featuring both a USB and an HDMI output, the Cyclops can be used with an HD monitor, or with a PC with the included imaging/measurement software.

View crystal clear 1080p resolution images on your HD monitor in HDMI mode. Magnification range in HDMI mode is 15x–270x with a working distance range of 220 to 21.3mm respectively. In PC mode, you can use the auto-focus capability of the Cyclops (can also be set to manual mode if desired). 30 LEDs with brightness and sector control provide illumination to meet a variety of application needs.

FEATURES

- 5 megapixel sensor
- HDMI and USB outputs
- 30 LEDs with intensity control, two adjustable LED pipelights
- Large magnification range and long working distance
- Infrared remote control for all major features
- Advanced software measures and captures images
- Range of stands and lenses sold separately

CYCLOPS DIGITAL MICROSCOPE

| | |
|------------------------------------|---|
| Item # | 26700-400 |
| Image Sensor | 1/4" color CMOS |
| Effective Pixels | 5M |
| Signal Output | HDMI & USB |
| Video Format | AVI |
| Frames/Second | 30fps |
| Magnification w/ 4x Objective Lens | 15x-270x on 21.5" monitor |
| Gain Control | Auto |
| Snapshot Mode | Hardware and software controls |
| White Balance | Manual & Auto |
| Power Source | D 5V/2A input; cable 70" |
| Operating System(s) | Windows 7, 8, 10 |
| Power Consumption | 110mA (AVG) |
| Light Source | 30 white LEDs with brightness and sector control |
| Dimensions | 106x152mm |
| Weight | 0.70lb (310g) |
| Package Contents | Cyclops Digital Microscope, 4x Objective Lens, HDMI cable, USB 2.0 cable, power adapter, metal stand, white balance card, calibration scale, software CD, infrared remote |

Cyclops HDMI

Digital Microscope



HDMI Output
to Monitor

No Computer
Required

1080p
Resolution

4x Objective
Lens

12x—132x
Magnification*

9" Working
Distance

Integrated
Lighting

30 LEDs with
Intensity Control

CUSTOMIZE YOUR CYCLOPS



4x Long Focus Lens



Table clamp or
magnetic base

18" Flex Arm



Objective Lens 10x



Objective Lens 4x
with Polarizer



HDMI Image
Capture Box



12" or 17"
post height

Articulating Arm
Stands

High Resolution Inspection, No Computer Required.

Aven's Cyclops HDMI Digital Microscope displays images directly on an HD monitor in 1080p resolution with no computer required. Operators can view their magnified subject on-screen in a comfortable posture, reducing eye strain and neck fatigue associated with frequent microscope use. The Cyclops HDMI features a large 9" working distance and magnifies 12x—32x on a 21.5" HD monitor. 30 built-in LEDs with brightness and sector controls provide illumination to meet a variety of applications. The included infrared remote control manages all major Cyclops HDMI controls, such as LED brightness intensity, freeze mode, step zoom and focus.

The Cyclops HDMI is designed to be customizable for a range of applications. Aven has a series of compatible lenses, arm stands and an image capture box to meet your needs. Visit www.aveninc.com for our full line of Cyclops accessories.

FEATURES

- HDMI output, no computer required
- 30 integrated LEDs with intensity control
- Large magnification range of 12x—32x on a 21.5" monitor
- Heavy duty aluminum stand provides long working distance of 9"
- Infrared remote controls all major features
- Range of stands and lenses sold separately

CYCLOPS DIGITAL MICROSCOPE

| | |
|-------------------|---|
| Item # | 26700-401 |
| Image Sensor | 1/3" color CMOS |
| Effective Pixels | 2M |
| Signal Output | HDMI 1920x1080 |
| Frames/Second | 60fps |
| Magnification | 12x—32x on a 21.5" monitor |
| Gain Control | Auto |
| White Balance | Manual & Auto |
| Power Source | DC 5V/2A input; cable 70" |
| Power Consumption | 0.225A (MAX) |
| Light Source | 30 adjustable white LEDs |
| Dimensions | 106 x 152mm |
| Weight | 0.70lb (310g) |
| Package Contents | Cyclops HDMI Digital Microscope, 4x Objective Lens, HDMI cable, power adapter, metal stand, white balance card, infrared remote |

* Based on a 21.5" HD monitor and included Objective Lens 4x

Mouser Electronics

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