

IMAGING

ALL-CAM2

Full HD Video / Photo Camera for Microscopes

Add documentation to your microscope.

An integrated optical beam splitter and Full HD microscope camera that adds recording, still-image capture, USB storage and Wi-Fi transmission to compatible surgical microscopes and colposcopes.

1080P60

Camera output

2:8

Standard beam split

0.7 kg

Camera weight



Highlights

Beam splitter and camera in one

The integrated design replaces a separate beam splitter, adapters and camera, keeping the microscope balanced, light and easy to manoeuvre.

Fits between head and body

The camera mounts between the binocular head and the microscope body with a standard dovetail adapter. Adapters for other brands can be customised.

Capture without handling the camera

A wireless mouse is supplied, and the optional FS-1 wireless foot control or hand-held remote lets you take photos and video without touching the microscope, avoiding blur from vibration.

Store and share

Pictures and video are saved to an external USB flash disk, and Wi-Fi image transmission works with Windows, Android and iOS clients for teaching and patient communication.



Key features

- Integrated beam splitter and Full HD camera in one housing.
- Fits between the binocular head and microscope body with a standard dovetail adapter; adapters for other brands can be customised.
- External USB flash-disk storage for JPG pictures and MP4 video.
- Wi-Fi image transmission; Windows, Android and iOS clients.
- Compact 155 × 110 × 60 mm body weighing 0.7 kg.

Specifications

OPTICS & OBSERVATION

Optical split	2:8 standard; 5:5 optional
Wi-Fi	Wi-Fi image transmission supported
Functions	Freeze, snap image, video recording, automatic exposure, white balance, image echo and cross curve
Options	FS-1 wireless foot control panel; wireless video sender; hand-held remote control

IMAGING & DOCUMENTATION

Sensor	1/2 inch Sony high-sensitivity, low-noise CMOS
Resolution	HD 1080P, 60 FPS (16:9)
Storage	External USB flash disk (FAT32 / NTFS)
Formats	JPG pictures; MP4 video
Video / picture resolution	Video 1080P; pictures 2M / 5M / 8M
Image controls	Exposure, brightness, gain, red/blue gain, saturation, contrast, sharpness, ALC, HDR and user parameters; horizontal/vertical flip, enlarge, reduce, AOI and image contrast
Software compatibility	Windows XP / 7 / 8 / 10; Android and iOS

POSITIONING & INSTALLATION

Power	5V; 6W
Dimensions / weight	155 × 110 × 60 mm; 0.7 kg
Mounting	Fits between the binocular head and microscope body through a standard dovetail adapter; adapters for other brands can be customised
Standard kit (catalogue)	Camera, 5V power adapter, 1.8 m power cord, 5 m HDMI cable, wireless mouse, wireless network card and USB flash disk

Options

- 5:5 beam split (2:8 standard).
- Microscope-specific adapter.
- FS-1 wireless foot control panel or wireless video sender.

Accessories

- Wireless foot pedal or hand-held remote
- Wireless video sender
- Adapters for many microscope brands

Specifications can change and may vary by configuration. Confirm the supplied specifications before ordering.

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