



IMAGING

ALL-CAM4

4K Full Function Video / Photo Camera

Product code ALACAM4K

A 4-in-1 imaging module for surgical microscopes with a 4K camera, HDMI and Wi-Fi transmission, USB storage and audio input.

4K60

Live output

4K30

Recorded video

8M

Still capture

Key features

- 4K camera module with still-image and video recording.
- 4-in-1 imaging module that reduces the number of accessories.
- Wi-Fi and HDMI real-time transmission.
- 1/1.8 inch Sony 8-megapixel low-noise, high-sensitivity sensor.
- USB 3.0 external storage, USB 2.0 mouse connection and 3.5 mm audio input.
- Adapters for Alltion, Zumax, Zeiss, Leica and other microscopes.

Specifications

OPTICS & OBSERVATION

Optical split	2:8 standard; 5:5 optional
Functions	Freeze, photo, video, automatic exposure, white balance, playback and cross curve
Compatibility	Surgical microscopes from Alltion, Zumax, Zeiss, Leica and other brands, with the matching adapter

LIGHT & ILLUMINATION

Description	4-in-1 imaging module designed for surgical microscopes
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IMAGING & DOCUMENTATION

Sensor	1/1.8 inch Sony 8-megapixel high-sensitivity, low-noise CMOS
Interfaces	HDMI 2.0 ×1; USB 2.0 ×1; USB 3.0 ×1; 3.5 mm audio ×1 (sound recording)
Camera resolution	4K 3840 × 2160, 60 FPS (16:9)
Recording	4K 30 FPS or 1080P 30 FPS
Still images	8M (3840 × 2160) / 2M (1920 × 1080)
Storage / formats	External USB flash disk (FAT32 / NTFS); JPG / MP4
Connectivity	Built-in Wi-Fi image transmission
Image controls	Exposure, brightness, gain, red/blue gain, saturation, contrast, definition and HDR; horizontal/vertical flip, zoom, AOI and image comparison
Languages	11 languages

POSITIONING & INSTALLATION

Power	12V; 10–25VA
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Options

- 5:5 beam split (2:8 standard).
- Microscope-specific adapter.

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

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