



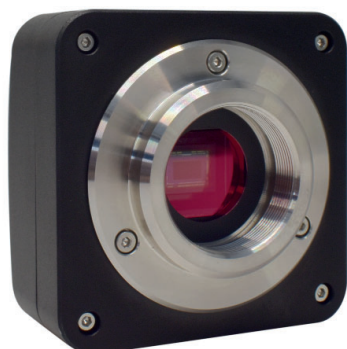
USB 2.0 CAMERA FOR MICROSCOPES

Code HGB002, HGB005

ZUZI digital cameras with C2CMOS sensor are designed for microscopy applications requiring high precision and performance. Available in various resolutions, they feature a USB 2.0 interface and comprehensive software for image capture and analysis, ensuring stable data transmission, high frame rates, and accurate colour reproduction across multiple platforms.

Features

- High-quality C2CMOS sensor
- Equipped with USB 2.0 output for direct connection to a computer
- Includes comprehensive software for image capture, processing, and analysis
- Built-in high-capacity internal memory enabling synchronous data transmission, low latency, high frame rate, and excellent stability
- Integrated high-precision ISP processor ensuring excellent colour reproduction
- Robust CNC-machined aluminium alloy housing
- Compatible with multiple platforms (Windows/Linux/macOS/Android)



Code	HGB002	HGB005
Sensor & Size (mm)	2.1 MP / IMX307(C) 1/2.8" (5.73x4.3)	8.3 MP / IMX274(C) 1/2.5" (6.22x3.50)
Pixel Size (µm)	2.9x2.9	1.62x1.62
Light Sensitivity – G Dynamic Range Max SNR	1300 mV 73 dB 43 dB	236 mV 70 dB 43 dB
FPS / Resolution	38@ 1920x1080 38@ 960x540	30@ 3840x2160 30@ 1920x1080 30@1280x720 30@ 960x540
Exposure (ms)	0.1-2000	
Thread	C-Mount thread	
Weight (g)	200	
Dimensions (mm)	59x59x41	

Note: For microscopes with a 23 mm eyepiece tube diameter, the 0.5X C-mount to 23 mm adapter is required (Ref.: HGG001).

Included Items

- High-speed USB 2.0 cable with Type A male to Type B male connectors / 2.0 m length
- USB (Driver & Software)

Accessories

Calibration slides for microscope digital camera/tablet

Referencia	Scales
HGG004	1 mm/100 Divisions: 0.01 mm 10 mm/100 Divisions: 0.1 mm