

Ultra HD/4K camera, 1/1.8" CMOS 4K sensor, 8.3 MP, 2160p (3840 x 2160)



The Euromex 4K Sony Ultra HD camera offers - with the latest horizontal display resolution of 3840 x 2160 pixels (2160p) and new 4K screens - a new solution to modern microscopy for industry and laboratories where more spatial detail and contrast is needed. These 4K UHD image quality camera can be used for biological, metallurgical or stereo microscopes. This standalone camera provides excellent color rendering at high frame rates, up to 60 frames per second. The 4K UHD ultra high definition camera can be used in two modes, in a stand-alone with its embedded mouse-driven software or in a computer controlled mode. A WiFi dongle is provided to connect the camera to the computer (ImageFocus Alpha software).

- Sensor: 4K Sony CMOS
- Format: 1/1.8", HDTV 2160p
- Pixels: 3840 x 2160 (capture mode) / HDMI 30 fps, USB 30 fps
- Pixel size: 2.0 x 2.0 μm
- Video: 2160 pixels video recording mode
- Scan mode: Progressive, rolling shutter
- Noise: Standard noise reduction
- Sensitivity: 505 mV

- Exposure: Automatic/ manual
- White balance: Automatic/ manual/ ROI
- S/N Max: 40.5
- Interfaces: HDMI, USB-2.0, Ethernet, WiFi
- Storage: High speed 32 GB SD Memory card (larger capacity SD cards are optional, max 128 GB)
- Camera buttons: On/ Off
- Mounting: C-mount interface
- Power supply: 100-240 Vac to 12Vdc/1A
- Humidity: 30~80 %
- Operation temperature: -10~ 50 ° Celsius
- Storage temperature: -20~ 60° Celsius
- Measurement: Supported
- Supplied with: 0.5x objective with C-mount, 30 mm and 30.5 mm adapters for stereo microscopes, 12 V/1 A power adapter, 32 GB SD card, Micro USB Synchronous cable 1.5 M, HDMI cable, USB mouse, WiFi dongle, 76 x 24 mm calibration slide (1mm/100), carton box
- PC software: Works with ImageFocus Alpha imaging and measuring software for Windows 10/11 (32 and 64 bit configurations) and Linux. A Mac OS version is also available (with a few differences in features)
- PC requirements: Compatible with Intel Core 2, 2.8 GHZ or higher, 2 GB, USB-2

item number	WL69862
model	VC.3042
manufacturer	EUROMEX
manufacturer item number	VC.3045
GPSR manufacturer information	Euromex Microscopen bv Papenkamp 20 NL-6836 Bd Arnheim www.euromex.com
order unit	1 piece
content unit	1 piece
Colour	black, silver
Pixel size	2.0 µm x 2.0 µm
camera resolution	3840 x 2160