HD-Lite camera VC.3031, high sensitive CMOS sensor, 5 MP, 1080p



The Euromex HD-Lite camera offer the perfect solution to modern microscopy for industry and laboratories where real time images are needed. These HD image quality cameras can be used for biological, metallurgical or stereo microscopes. The real time images generated with this standalone camera provide excellent color rendering at high frame rates, up to 60 frames per second. The HD-Lite high definition camera can be used in two modes, in a stand-alone with his embedded mouse-driven software or in a computer controlled mode.

STAND-ALONE
No need to open or start a computer or any computer knowledge to use these camera's. Most camera settings are done automatically and therefore these camera's are veryuser friendly. This results in faster, more flexible and compact working conditions. Simply connect the camera to a high definition HD screen, TV-HD or HD-beamer with a HDMI

input and the system is ready to go. The mouse-driven built-in software of the camera enable capturing 2592 x 1944 pixels JPG images or recording 1080p video's on the integrated SD memory card. The captured images or recorded video's can be very easily reviewed or replayed on the HD screen. The embedded software of the camera features functions like Digital Zoom in/out, Horizontal Flip, Vertical Flip, Auto-Exposure and Manual Exposure Time (0-10 sec), Gain, RGB, White balance, Gamma, Sharpness, Saturation and Contrast and Grids. These key properties make the cameras ideal for Life-, Materials Sciences applications, for industry, education and live demonstrations

COMPUTER CONTROLLED
Users who want more camera controls and more functions, can also connect the camera to a computer and take benefit of the power of the Euromex ImageFocus Plus software. It runs on Windows 10/11, both 32 and 64 bits and Capture software (Mac). The software can be installed in one of the 6 different languages (English, French, German, Dutch, Spanish and Russian. Euromex supplies free updates on www.euromex.com. Besides extended camera settings, the software can save images in JPG, TIFF or BMP formats or recording videos in .avi format on the hard disk of the computer. The software offers full control over the camera parameters. Specific functions for fluorescence like histogram adjustments and combining captured fluorescence images are also available with the ImageFocus Plus software.
Available with 11.6" HD screen (VC.3031-HDS)

PACKAGING
The HD-Lite camera (ref. VC.3031) is supplied with USB-2 (A-A type) cable, C-mount adapter with 0.45x objective (for microscopes with a standard 23.2 mm tube), an 8 GB SD-card, USB-2 mouse, 30.0 and 30.5 mm to 23.2 mm conversion adapters for use with stereo microscopes, 1mm/100 (10µm/division) calibration slide and external 12V 2A power supply

- HD 1080p high definition color camera
- Available with 11.6" HD screen (VC.3031-HDS)
- Real time images directly on TV, monitor or beamer
- Stand alone or used via PC
- Built-in mouse-driven software
- C-mount interface
- HDMI, USB-2 and SD memory card
- Compatible with ImageFocus Plus software
- ADC 16 bits, color depth 24 bits
- HDMI 5.0 MP CMOS high sensitive sensor

Item no.	**WL74030**
Model	VC.3031
Manufacturer	EUROMEX

Manufacturer article no.	VC.3031
GPSR manufacturer data	Euromex Microscopen bv Papenkamp 20 NL-6836 Bd Arnheim www.euromex.com
Sales unit	1 piece
Content unit	1 piece
Colour	black, silver
Pixel size	2.2 µm x 2.2 µm
Camera resolution	2592 x 1944