

## HD-Mini camera VC.3023, 1/2.8" high sensitive CMOS sensor, 1080p (up to 60fps)

---



The Euromex HD-Mini standalone cameras 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 these standalone cameras provide excellent color rendering at high frame rates and very user friendly! No need to open or start a computer or any computer knowledge to use these cameras. All camera settings are done automatically. 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 an HDMI input and the system is ready to go. The mouse-driven embedded software of the camera enables capturing images on the integrated SD memory card.

Features included in the on-screen software: Image and video Capture, White balance, Auto/ Manual exposure, Zoom In/ Out, Horizontal/ Vertical Flip, Video Freeze/ Cancel Video Freeze, Grid, Display/ Hide Camera Control Panel, Color Adjustment (Sharpness/ Denoise/ Saturation/ Gamma/ Contrast), measurement functions

Compatibility: Suitable for all HDMI screens, monitors and beamers

Packaging: The HD-Mini VC.3023 1080p camera is supplied with a mouse, a 0.5x C-mount adapter for 23.2 mm tubes, 30.0 and 30.5 mm conversion adapters (for use with stereo microscopes), external 12V /1A power supply, 10/100 calibration slide, a 32 GB SD-card, HDMI cable and product manual.

- Sensor: HDMI 2.0 Mega pixels CMOS high sensitive sensor (Sony)
- Format: 1/2.8 inch, HDTV 1080p
- Pixels: 1920 x 1080 pixels (capture mode) / 1920 x 1080 pixels (live mode) / HDMI 60 fps
- Scan mode: Progressive scan
- Pixel size: 2.9 x 2.9 µm
- Noise: 3D Noise reduction function
- Sensitivity: 1300mv/lux-sec
- Color rendering: 12 Bits
- Signal/Noise (db): 42
- Dynamic (db): 69
- White balance: Automatic/manual/ROI
- Interface: HDMI
- Storage: Images are saved to a standard high speed 32 Gb SD memory card (Recommend using SD card of class 4 or higher and ≤128 Gb)
- Mounting: C-mount interface
- Power supply: DC 12V/ 1A adapter
- Operation: -10~ 50 Celsius, 30~80%RH
- Storage: -20~ 60 Celsius, 10~60%RH
- Supplied with: HDMI cable, DC 12V/ 1A power supply, 32 GB SD Card, USB mouse, 0.5x c-mount adapter, 23.2~30.0/ 30.5mm adapter rings

|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| Item no.                 | <b>WL74031</b>                                                                  |
| Model                    | VC.3023                                                                         |
| Manufacturer             | EUROMEX                                                                         |
| Manufacturer article no. | VC.3023                                                                         |
| GPSR manufacturer data   | Euromex Microscopen bv<br>Papenkamp 20<br>NL-6836 Bd Arnheim<br>www.euromex.com |
| Sales unit               | 1 piece                                                                         |
| Content unit             | 1 piece                                                                         |
| Colour                   | silver                                                                          |
| Pixel size               | 2.9 µm x 2.9 µm                                                                 |
| Camera resolution        | 1920 x 1080                                                                     |