

The ultra-compact **dhs-MicroCam 1.3** digital camera is your key to digital microscopic imaging – for the same price you would expect from an analogue image source.

This extremely versatile camera can be used both for microscopy and macro shooting. Being C-mount compatible, it can be readily adapted to Light and Stereoscopic microscopes. Using macro copy stands (with a macro zoom lens, for example) is no problem with the optional adapter plate. It offers resolutions as high as 1.3 megapixels and can be set to one of four different levels.

However, the „big sister“ **dhs-MicroCam 3.1** uses a chip, which provides up to 3,1 megapixels in resolution (2.048 x 1.536)! For more details and precision in visualization of your specimen.

Signals of both cameras are transferred using a state-of-the-art USB 2.0 interface, making endless waiting a thing of the past. The fast image transfer rates also make your work more ergonomic – especially at microscopes. The cameras has a 1/2-inch CMOS sensor with pixels 5.2 x 5.2 µm in size. With a very light-sensitive chip they are very good to use under various conditions, not only reflected light or bright-field illumination, but low-light applications, too.

These image sources are connected to the PC or the notebook with one single cable that transfers data and supplies power. To provide a tight connection, every camera ships with a 3-meter-long USB cable with a screw-on Micro-DSUB connector.

The software fully integrates both cameras with the **dhs Image Data Base**. That puts the live image features of analogue cameras at your fingertips (e.g. live image comparison, overlays, timer-controlled interval shooting, etc.).

This camera also comes with special support software that makes it child's play to configure a wide range of parameters: exposure time (incl. automatic mode), white balance (incl. continuous mode), brightness, gamma, contrast, RGB, flip, refocus, noise filter, light colour temperature, etc. All these settings can be stored in memory buttons for fast access. Press one button, and you can ergonomically, swiftly and easily switch operating modes.



Your key to Digital Imaging:
the dhs-MicroCam 1.3 and 3.1

Specifications:

- Supports Windows 2000 and XP
- Max. resolution 1,280 x 1,024 pixels (MC 1.3) respectively 2,048 x 1,536 pixels (MC 3.1)
- 1/2-inch CMOS sensor (progressive scan)
- MC 1.3 optionally available in b/w
- Up to 25 fps (frames per second)
- 8 bit colour depth (internally 10 bit)
- Interfaces with PC via USB 2.0
- Measures 34 x 32 x 27.4 mm
- Weighs 62 grams
- C-mount compatible
- Includes 3-meter-long USB 2.0 cable (USB-A with Micro-DSUB)
- Macro copy stand adapter and lenses available as optional accessories

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