



**NEW**

ODC-87, ODC-88



Eyepiece camera fixed into the tube

STANDARD



**Features**

- With the KERN eyepiece cameras you can convert your standard microscope to a digital microscope, by replacing one eyepiece of your non-digital microscope with an eyepiece camera and connect this to your computer via USB.
- The universal eyepiece can be connected to the microscope as well as to a laptop or PC using the USB cable (2.0 or 3.0, see table).
- The power supply is through the USB cable, which means that no additional power supply is required.
- Your daily work is made significantly easier with the very best synchronisation, a high frame rate as well as stable image performance together with our software.
- As well as the camera, the delivery includes a simplified version of our multi-lingual KERN Microscope VIS software, a USB cable and an object micrometer to calibrate the software.

Model	Resolution	Interface	FPS	Sensor	Sensor size	Colour/ Monochrome	Supported operating system
<b>KERN</b>							
<b>ODC 872</b>	1,3 MP	USB 2.0	7,5 – 12,5	CMOS	1/3"	colour	Win XP, Vista, 7, 8, 10
<b>ODC 874</b>	3 MP	USB 2.0	3 – 7,5	CMOS	1/2,7"	colour	Win XP, Vista, 7, 8, 10
<b>ODC 881</b>	5 MP	USB 3.0	15 – 30	CMOS	1/2,5"	colour	Win XP, Vista, 7, 8, 10

USB microscope – USB 2.0 KERN ODC-89



**NEW**

ODC 894



ODC 895

STANDARD



The digital USB microscope for rapid testing or for hobby use

**Features**

- The USB hand-held microscope is designed for rapid and simple observations. Ideally suited for coins, plants, insects and skin samples for all hobby scientists, children and students.
- With the USB microscope you can easily adjust the magnification to suit all conventional samples. The zoom range can be adjusted to a magnification of 10× as well as 200×.
- The eight LEDs fitted in the ring shape ensure strong and effective illumination of your sample. Use the adjustment wheel on the cable to control the illumination setting.
- As well as the camera, you will also find a simplified version of our multi-lingual KERN Microscope VIS software included with delivery.
- There are two stands available for you to use as a column.

































**Stand with integrating coaxial focusing:**

- Work area: 150×80 mm
- Focus range: 51 mm
- Overall dimensions: 150×80×147 mm

**Stand with focus wheel:**

- Work area: 150×80mm
- Focus range: 60 mm
- Overall dimensions: 150×80×135 mm

Model	Resolution	Interface	FPS	Sensor	Sensor size	Supported operating system	Magnification levels	Focusing stand	Illumination
<b>KERN</b>									
<b>ODC 894</b>	2 MP	USB 2.0	15 – 30	CMOS	1/3,2"	Win XP, Vista, 7, 8, 10	10×, 200×	Coaxial	8× LED
<b>ODC 895</b>	2 MP	USB 2.0	15 – 30	CMOS	1/3,2"	Win XP, Vista, 7, 8, 10	10×, 200×	Focus wheel	8× LED

 <b>360°</b>	<b>360° rotatable microscope head</b>	 <b>FL-LED</b>	<b>Fluorescence illumination for compound microscopes</b> With 3 W LED illumination and filter	 <b>SD</b>	<b>SD card</b> For data storage
 <b>MONO</b>	<b>Monocular Microscope</b> For the inspection with one eye	 <b>PH</b>	<b>Phase contrast unit</b> For a higher contrast	 <b>SOFTWARE</b>	<b>PC software</b> To transfer the measurements from the device to a PC.
 <b>BINO</b>	<b>Binocular Microscope</b> For the inspection with both eyes	 <b>DF</b>	<b>Darkfield condenser/unit</b> For a higher contrast due to indirect illumination	 <b>AUTO ATC</b>	<b>Automatic temperature compensation</b> For measurements between 10 °C and 30 °C
 <b>TRINO</b>	<b>Trinocular Microscope</b> For the inspection with both eyes and the additional option for the connection of a camera	 <b>POLAR</b>	<b>Polarising unit</b> To polarise the light	 <b>IP</b>	<b>Protection against dust and water splashes IPxx</b> The type of protection is shown by the pictogram.
 <b>ABBE</b>	<b>Abbe Condenser</b> With high numerical aperture for the concentration and the focusing of light	 <b>INFINITY</b>	<b>Infinity system</b> Infinity corrected optical system	 <b>BATT</b>	<b>Battery operation</b> Ready for battery operation. The battery type is specified for each device.
 <b>HAL</b>	<b>Halogen illumination</b> For pictures bright and rich in contrast	 <b>ZOOM</b>	<b>Zoom magnification</b> For stereomicroscopes	 <b>RECHARGE</b>	<b>Battery operation rechargeable</b> Prepared for a rechargeable battery operation
 <b>LED</b>	<b>LED illumination</b> Cold, energy saving and especially long-life illumination	 <b>PARALLEL</b>	<b>Parallel optical system</b> For stereomicroscopes, enables fatigue-proof working	 <b>230 V</b>	<b>Mains adapter</b> 230V/50Hz in standard version for EU. On request GB, AUS or USA version.
 <b>IL</b>	<b>Incident illumination</b> For non-transparent objects	 <b>SCALE</b>	<b>Integrated scale</b> In the eyepiece	 <b>230 V</b>	<b>Power supply</b> Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.
 <b>TL</b>	<b>Transmitting illumination</b> For transparent objects	 <b>USB 2.0</b>	<b>Integrated USB 2.0 digital camera</b> For direct transmitting of the picture to a PC	 <b>1 DAY</b>	<b>Package shipment</b> The time required to manufacture the product internally is shown in days in the pictogram.
 <b>FL</b>	<b>Fluorescence illumination</b> For stereomicroscopes	 <b>USB 3.0</b>	<b>Integrated USB 3.0 digital camera</b> For direct transmitting of the picture to a PC	 <b>3 YEARS WARRANTY</b>	<b>Warranty</b> The warranty period is shown in the pictogram.
 <b>FL-HBO</b>	<b>Fluorescence illumination for compound microscopes</b> With 100 W mercury lamp and filter	 <b>HDMI</b>	<b>HDMI digital camera</b> For direct transmitting of the picture to a display device		

## Abbreviations

<b>C-Mount</b>	Adapter for the connection of a camera to a trinocular microscope	<b>LWD</b>	Long Working Distance	<b>SWF</b>	Super Wide Field (Field number at least Ø 23 mm for 10x eyepiece)
<b>FPS</b>	Frames per second	<b>N.A.</b>	Numerical Aperture	<b>W.D.</b>	Working Distance
<b>H(S)WF</b>	High (Super) Wide Field (Eyepiece with high eye point for wearers of glasses)	<b>SLR Kamera</b>	Single-Lens Reflex camera	<b>WF</b>	Wide Field (Field number up to Ø 22 mm for 10x eyepiece)

## Your KERN specialist dealer:



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.