

C-mount Microscope Cameras, KERN



The specialists in microscopy for measurement, counting, documentation, archiving and image processing

- A large selection of microscope cameras is available for your individual applications.
- The universal microscope cameras can be used anywhere and can be connected to the microscope as well as to a laptop or PC using the USB cable (USB 2.0 or USB 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 Microscope VIS software which we deliver with the product.
- For details about our software please refer to the "Software" section in the catalogue (page 97) or see www.kern-sohn.com.
- These universal cameras can also be connected to all microscopes available on the market offering the appropriate C-mount adapter for the particular microscope

USB eyepiece cameras KERN ODC-87/88

- 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 Microscope VIS software which we deliver with the product.
- As well as the camera, the delivery includes a simplified version of our multi-lingual KERN Microscope VIS software, a USB cable (length: 1.5 m) and an object micrometer to calibrate the software

	Model	Resolution	Interface	FPS	Sensor	Sensor size	Order No.
①	ODC 874	3 MP	USB 2.0	3 – 7.5	CMOS	1/2.7"	10 58 30874
②	ODC 881	5 MP	USB 3.0	15 – 30	CMOS	1/2.5"	10 58 30881

③ C-mount microscope cameras KERN ODC-82/83

- Through the proven CMOS technology in connection with the USB 2.0 or USB 3.0, the images are shown quickly and clearly.
- These cameras are also ideal for more demanding applications, such as, for example, darkfield, phase contrast and for fluorescence applications.
- As well as the camera, the delivery includes our multi-lingual KERN Microscope Basic KERN OXM 901 software, a USB cable (length 2 m), various eyepiece adapters and an object micrometer to calibrate the software.
- Please order the appropriate C-mount adapter to fit your KERN microscope now

	Model	Resolution	Interface	FPS	Sensor	Sensor size	Order No.
	ODC 824	3.1 MP	USB 2.0	11.5 – 45	CMOS	1/2"	10 58 30824
	ODC 825	5.1 MP	USB 2.0	6.8 – 55	CMOS	1/2.5"	10 58 30825
	ODC 831	3.1 MP	USB 3.0	27.3 – 53.3	CMOS	1/3"	10 58 30831
	ODC 832	5.1 MP	USB 3.0	14.2 – 101.2	CMOS	1/2.5"	10 58 30832

④ C-Mount HDMI microscope camera KERN ODC-85

- The ODC 851 HDMI microscope camera has been specially developed for direct HDMI connection to your HDMI compatible display device. The images can be stored directly onto the SD card delivered with the device. As an alternative, a USB 2.0 connection is also still available to connect a laptop or PC
- The ODC 852 HDMI autofocus camera offers a perfect and efficient solution for modern microscopy. The autofocus function automatically detects and adjusts the focus level so that you have a perfectly sharp image at any time. Ideal for all applications using a KERN stereo microscope
- The HDMI connection can be used to transfer the real-time images from the ODC 852 directly to an HDMI capable rendering device or to save them to the SD card comprised in the delivery. As an alternative, the data can be transmitted via WLAN module (ODC 852) or USB 2.0 cable to a PC or laptop computer in combination with the KERN OXM 902 software comprised in the delivery
- Power supply is from an external 12 V power unit
- Scope of delivery ODC 851: camera, USB mouse, USB 2.0 cable, HDMI cable, SD card (16 GB) and Microscope VIS Basic KERN OXM 901 camera software
- Scope of delivery ODC 852: camera, USB mouse, USB 2.0 cable, HDMI cable, SD card (16 GB), WLAN adapter and Microscope VIS Basic KERN OXM 901 camera software
- Please order the appropriate C-mount adapter to fit your KERN microscope now

	Model	Resolution	Interface	FPS	Sensor	Sensor size	Order No.
	ODC 851	2 MP	HDMI, USB 2.0, SD	30 – 60	CMOS	1/2.8"	10 58 30851

