



NEW



Features

- 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 VIS software, a USB cable, various eyepiece adapters and an object micrometer to calibrate the software.
- Please order the appropriate C-mount adapter to fit your KERN microscope now.

STANDARD



Model	Resolution	Interface	FPS	Sensor	Sensor size	Colour/ Monochrome	Supported operating system
KERN							
ODC 822	1,3 MP	USB 2.0	15 – 48	CMOS	1/3"	colour	Win XP, Vista, 7, 8, 10
ODC 824	3,1 MP	USB 2.0	11,5 – 45	CMOS	1/2"	colour	Win XP, Vista, 7, 8, 10
ODC 825	5,1 MP	USB 2.0	6,8 – 55	CMOS	1/2,5"	colour	Win XP, Vista, 7, 8, 10
ODC 831	3,1 MP	USB 3.0	27,3 – 53,3	CMOS	1/3"	colour	Win XP, Vista, 7, 8, 10
ODC 832	5,1 MP	USB 3.0	14,2 – 101,2	CMOS	1/2,5"	colour	Win XP, Vista, 7, 8, 10

C-mount camera – HDMI KERN ODC-85



NEW

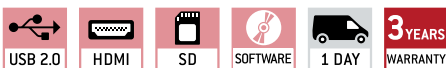


Scope of supplies

Features

- The ODC-851 HDMI microscope camera has been specially developed for direct HDMI connection to your HDMI compatible display device. The images can also 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.
- Power supply is from an external 12 V power unit.
- Scope of delivery: Camera, software, USB mouse, USB 2.0 cable, HDMI cable and SD card (4 GB)

STANDARD



Model	Resolution	Interface	FPS	Sensor	Sensor size	Colour/ Monochrome	Supported operating system
KERN							
ODC 851	2 MP	HDMI, USB 2.0, SD	30 – 60	CMOS	1/2,8"	colour	Win XP, Vista, 7, 8, 10

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

Abbreviations

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

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