







USB-cable with micrometer slide

# Microscope cameras for common microscopy applications

#### Features

- These microscope cameras are universal and can be easily connected to the microscope and a PC / laptop via USB.
- The proven CMOS technology provides fast, clear images.
- The attached English-language software provides a good basis for observing, measuring and documenting your work in all common microscopy applications.
- The camera, USB cable, software CD and a stage micrometer for calibration are included in the scope of delivery.
- Additional models are available on request or by going to www.kern-sohn.com

STANDARD		
•		<b>3</b> YEARS
USB 2.0	1 DAY	WARRANTY

Model KERN	Resolution	USB	Sensor	Sensor size	Colour / Monochrome	Supported operating system	
ODC 132	3 MP	2.0	CMOS	1/2"	colour	Win 2000, XP, 7, Vista	
ODC 152	5 MP	2.0	CMOS	1/2,5"	colour	Win 2000, XP, 7, Vista	

### **KERN Pictograms:**



360° rotatable microscope head



Monocular Microscope For the inspection with one eye



**Binocular Microscope** For the inspection with both eyes

Trinocular Microscope



73

ABBE

the additional option for the connection of a camera Abbe Condenser With high numerical aperture for the

For the inspection with both eyes and



Halogen illumination For pictures bright and rich in contrast

concentration and the focusing of light



LED illumination Cold, energy saving and especially long-life illumination



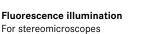
Incident illumination For non-transparent objects



Transmitting illumination For transparent objects



**Fluorescence illumination** 





For direct transmitting of the picture to a PC



Automatic temperature compesation For measurements between 10 °C and 30 °C



Protection against dust and water splashes IPxx The type of protection is shown by the pictogram.



**Battery operation** 

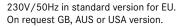
Ready for battery operation. The battery type is specified for each device.



**Rechargeable battery pack** Rechargeable set.



Mains adapter





Power supply Integrated in balance. 230V/50Hz standard EU. More standards e.g.

GB, AUS or USA on request. Package shipment The time required to manufacture the product internally is shown in days in

the pictogram.



DAYS

Warranty

The warranty period is shown in the pictogram.





#### Abbreviations

C-Mount	Adapter for the connection of a camera to a trinocular microscope
H(S)WF	High (Super) Wide Field (Eyepiece with high eye point for wearers of glasses)
LWD	Long Working Distance

Your KERN specialist dealer:

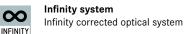
N.A.	Numerical Aperture	W.D.	Working Distance
	Single-Lens Reflex camera	WF	Wide Field (Field number up to Ø 22 mm for 10x eyepiece)
SWF	Super Wide Field (Field number at least Ø23 mm for 10x eyepiece)		



Polarising unit

Phase contrast unit

For a higher contrast



Fluorescence illumination

for compound microscopes

Fluorescence illumination

for compound microscopes

With 100W mercury lamp and filter

With 3W LED illumination and filter



FL-HBO

C

FL-LED

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POLAR

Zoom magnification For stereomicroscopes



Parallel optical system For stereomicroscopes, enables fatigue-proof working

Integrated scale Lunn In the eyepiece SCALE





For direct transmitting of the picture to a PC



Integrated USB 3.0 digital camera



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### Use the above details to contact us if this literature doesn't answer all your questions.

# 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.





