

## PRODUCT BROCHURE

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# OPTICS ODC 831

Date: 30.04.2025

ENGLISH



Specialists in microscopy for measurement, counting, documentation, archiving and image processing

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### CONTACT

KERN & SOHN GmbH  
Ziegelei 1  
72336 Balingen  
Germany

Phone : +49 7433 9933-0  
Fax : +49 7433 9933-149  
Email : [info@kern-sohn.com](mailto:info@kern-sohn.com)  
Web : [www.kern-sohn.com](http://www.kern-sohn.com)



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## PRODUCT SHOWCASE



## DESCRIPTION

- The universal microscope camera can be used anywhere and can be connected to the microscope as well as to a laptop or PC using the USB cable (USB 3.0)
- Through the proven CMOS technology, in connection with the 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
- 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.
- The power supply is through the USB cable, which means that no additional power supply is required
- As well as the camera, the delivery includes our multi-lingual KERN Microscope VIS Basic KERN OXM 901, a USB cable (Length: 2000 mm) various eyepiece adapters and an object micrometer to calibrate the software
- Please order the appropriate C-mount adapter to fit your KERN microscope now

## SPECIFICATIONS

### Article codes, product groups & Status information

Model article-code	ODC 831
Model-Serie	ODC-83
Assortment	Optics
Product Type	Microscopes

Product group	Microscope cameras
Product usage type	Main article
EAN code (Model)	4045761190467
Successor Model	ODC 832
Customs tariff number	85258900

### Technical data - Primary

Camera type	USB3 Microscope camera - C-Mount
Camera resolution	3,1 MP
Sensor type	Aptina CMOS
Sensor size	1/3"

## Technical data - Construction

Color capability	Colour
Camera mounting	C-Mount
Interfaces	USB 3.0
Operating system	Win 10;Win 11;Win 7;Win 8
Applicable software	external (OXM 902)
Dimensions (W×D×H)	80×80×45 mm

## Technical data - Power supply

Power Plug	USB B
Protection Class	Class III - Low voltage

## Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	164×164×75 mm
Gross weight	1.00 kg
Net weight	0.60 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	342.022 g
Packaging component - by weight - plastics	12.0959 g
Packaging component - by weight - styrofoam	0 g

Packaging component - by weight - foam	62.9821 g
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Delivery time	1 d
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## Technical data - Environmental conditions

Storage Temp Min	-5 °C
Storage Temp Max	40 °C

## Technical data - Verification

WEEE	yes
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## FUNCTIONS

Standard



## ACCESSORIES

Model	Description
ODC-A8101	Stage micrometer KERN ODC-A8101
ODC-A8104	Eyepiece Adapter KERN ODC-A8104
ODC-A8107	Eyepiece Adapter KERN ODC-A8107
ODC-A8106	Eyepiece Adapter KERN ODC-A8106
ODC-A2404	Calibration Specimen Slide with Micrometer KERN ODC-A2404

## SPARE PARTS

Model	Description
ODC-A8101	Stage micrometer KERN ODC-A8101
ODC-A8301	USB 3.0 cable ODC-A8301