

PRODUCT BROCHURE

OPTICS ODC 825

Date: 30.04.2025

ENGLISH



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

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : 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 2.0)
- Through the proven CMOS technology, in connection with the USB 2.0 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 825
Model-Serie	ODC-82
Assortment	Optics
Product Type	Microscopes

Product group	Microscope cameras
Product usage type	Main article
EAN code (Model)	4045761190450
Predecessor Model	ODC 824
Customs tariff number	85258900

Technical data - Primary

Camera type	USB2 Microscope camera - C-Mount
Camera resolution	5,1 MP
Sensor type	Aptina CMOS
Sensor size	1/2,5"

Technical data - Construction

Color capability	Colour
Camera mounting	C-Mount
Interfaces	USB 2.0
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-A8105	Eyepiece Adapter KERN ODC-A8105
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-A8201	USB 2.0 cable ODC-A8201