

PRODUCT BROCHURE

OPTICS ODC 881

Date: 30.04.2025

ENGLISH



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

CONTACT

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DESCRIPTION

- 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 (USB 3.0)
- 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 our multi-lingual camera software Microscope VIS KERN OXM 902, a USB cable (length: 1,5 m) and an object micrometer to calibrate the software
- Possible lens barrel diameters:
 - 23.2 mm (standard)
 - 30.0 mm (eyepiece adapter)
 - 30.5 mm (eyepiece adapter)
- Camera resolution 5,1 MP

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	ODC 881
Model-Serie	ODC-88
Assortment	Optics
Product Type	Microscopes
Product group	Microscope cameras
Product usage type	Main article
EAN code (Model)	404576 1246423
Predecessor Model	ODC 881-2019a
Customs tariff number	85258900

Technical data - Primary

Camera type	USB3 Eyepiece camera - 23.2 mm
Camera resolution	5,1 MP
Sensor type	Aptina CMOS
Sensor size	1/2,8"

Technical data - Construction

Color capability	Colour
Camera mounting	Plug-in connection
Interfaces	USB 3.0
Operating system	Win 10;Win 11;Win 7;Win 8
Applicable software	external (OXM 902)
Dimensions (W×D×H)	56×32×32 mm

Technical data - Power supply



Protection Class	Class III - Low voltage
Cable attachment	removable

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	145×95×60 mm
Gross weight	0.50 kg
Net weight	0.45 kg
Shipping method	Parcel service
Packaging component - by weight - paper	72.1 mg
Packaging component - by weight - cardboard	34.5359 g
Packaging component - by weight - plastics	504.7 mg
Packaging component - by weight - styrofoam	0 g
Packaging component - by weight - foam	36.9873 g
Delivery time	1 d

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-A8102	Eyepiece Adapter KERN ODC-A8102
ODC-A8103	Eyepiece Adapter KERN ODC-A8103
ODC-A2404	Calibration Specimen Slide with Micrometer KERN ODC-A2404

SPARE PARTS

Model	Description
ODC-A8101	Stage micrometer KERN ODC-A8101
ODC-A8801	USB 3.0 cable ODC-A8801