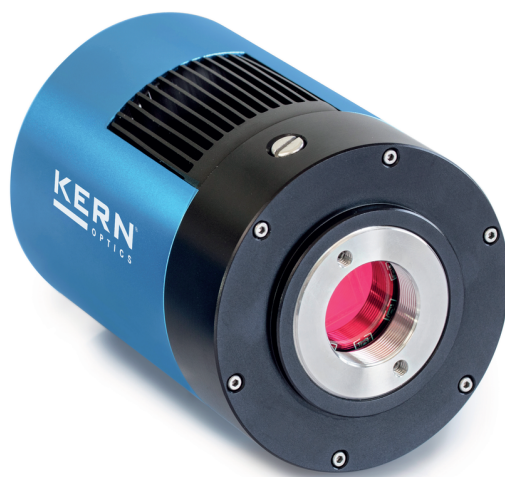


PRODUCT BROCHURE

OPTICS ODC 861

Date: 30.04.2025

ENGLISH



The cooled camera for professional fluorescence examinations

CONTACT

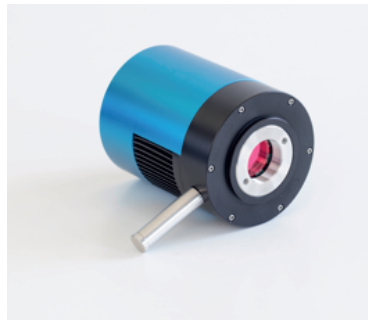
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Scan here for more
information

PRODUCT SHOWCASE



DESCRIPTION

- The ODC 861 camera with Peltier cooling technology has been specially designed for fluorescent applications. It is able to significantly compensate for image noise associated with weak lighting. Due to its high resolution and light-sensitive Sony CMOS colour sensor it proves first-class images. The practical, sturdy storage box serves as protection and for transportation of this premium camera
- Realtime images can be transferred straight to a PC or laptop using the integrated USB 3.0 interface. As an alternative, 2 USB 2.0 interfaces are available, to operate the camera with the VIS Pro KERN OXM 902 software which is included with the delivery
- Power supply is from an external 12 V power unit
- Black balance possible
- Please order the appropriate C-mount adapter (only 1.0× possible) to fit your KERN microscope now

SPECIFICATIONS

Article codes, product groups & Status

information

Model article-code	ODC 861
Model-Serie	ODC-83
Assortment	Optics
Product Type	Microscopes
Product group	Microscope cameras
Product usage type	Main article
EAN code (Model)	4045761235748
Customs tariff number	85258900

Technical data - Primary

Camera type	USB3 Microscope Camera (Cooling) - C-Mount
Camera resolution	20 MP
Sensor type	Sony CMOS
Sensor size	1"

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)	80×80×103 mm

Technical data - Power supply

Power supply kind	Power adapter
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Input Voltage 100-240 V AC, 50/60 Hz, 1,0A

Power Plug	Inside plus, outside minus
Protection Class	Class III - Low voltage
Cable attachment	removable

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	270×250×130 mm
Gross weight	2.6 kg
Net weight	2.6 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	159 g
Packaging component - by weight - plastics	5 g
Packaging component - by weight - styrofoam	0 g
Packaging component - by weight - glass	0 g
Packaging component - by weight - wood	0 g
Packaging component - by weight - foam	0 g
Packaging component - by weight - metal	0 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



ENGLISH

ACCESSORIES

Model	Description
YKK-01	Power supply KERN YKK-01
ODC-A8101	Stage micrometer KERN ODC-A8101
ODC-A8107	Eyepiece Adapter KERN ODC-A8107
ODC-A8106	Eyepiece Adapter KERN ODC-A8106
ODC-A8108	Microscope eyepiece KERN ODC-A8108
ODC-A2404	Calibration Specimen Slide with Micrometer KERN ODC-A2404

SPARE PARTS

Model	Description
MLB-A07	Power supply KERN MLB-A07
822-903	Power supply KERN 822-903
MLB-A09	Power supply KERN MLB-A09
YKK-01	Power supply KERN YKK-01
ODC-A8101	Stage micrometer KERN ODC-A8101
ODC-A8301	USB 3.0 cable ODC-A8301