

PRODUCT BROCHURE

OPTICS ODC 852

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ENGLISH



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

CONTACT

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PRODUCT SHOWCASE



DESCRIPTION

- The HDMI autofocus camera ODC 852 offers you a perfect, effective solution for modern microscopy. The autofocus function automatically detects and adjusts the focus level so that you always have a razor-sharp image. Ideal for all applications in connection with a KERN stereo microscope
- Realtime images in the ODC 852 can be transferred to an HDMI-compatible display device using the HDMI connection and they can also be stored on the SD card which was delivered with the product. As an alternative, data can also be transferred using the WiFi module (ODC 852) to a PC or laptop in combination with the KERN OXM 902 software which is included with the delivery
- Power supply is from an external 12 V power unit
- Scope of delivery ODC 852: Camera, USB mouse, USB 2.0 cable (length: 2 m), HDMI cable (length: 2 m), SD card (16 GB), WiFi adapter and camera software Microscope VIS Pro KERN OXM 902
- Please order the appropriate C-mount adapter to fit your KERN microscope now

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	ODC 852
Model-Serie	ODC-85
Assortment	Optics
Product Type	Microscopes
Product group	Microscope cameras

Product usage type Main article

EAN code (Model) 4045761235731

Customs tariff number 85258900

Technical data - Primary

Camera type HDMI Microscope
Camera (AF) - C-Mount

Camera resolution 5 MP

Sensor type	Sony CMOS
Sensor size	1/1,8"

Technical data - Construction

Color capability	Colour
Camera mounting	C-Mount
Auto focus	yes
Interfaces	HDMI;SD Kartenslot;USB 2.0;WLAN
Operating system	Win 10;Win 11;Win 7;Win 8
Applicable software	external (OXM 902)
Dimensions (W×D×H)	92×68×68 mm

Technical data - Power supply

Power supply kind	Power adapter
Input Voltage	100 V - 240V AC 50/60Hz 0,3A
Power Plug	Inside plus, outside minus
Protection Class	Class III - Low voltage
Cable attachment	removable

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	225×170×90 mm
Gross weight	1.8 kg
Net weight	1.00 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	558 g

Packaging component - by weight - plastics	12 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	88 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



ACCESSORIES

Model	Description
YKA-02	Power supply adapter set KERN YKA-02
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
YKA-02	Power supply adapter set KERN YKA-02
ODC-A8101	Stage micrometer KERN ODC-A8101
ODC-A8502	USB mouse ODC-A8502
ODC-A8504	Power supply KERN ODC-A8504
ODC-A8506	Power supply KERN ODC-A8506
ODC-A8507	WiFi adapter for microscope cameras ODC-A8507