

PRODUCT BROCHURE

OPTICS ODC 851

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ENGLISH



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

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PRODUCT SHOWCASE



DESCRIPTION

- The HDMI microscope camera KERN ODC-851 has been specially developed for direct HDMI connection to your HDMI compatible display device. The images can be stored straight onto the SD card which is delivered with the product or can be transferred to your PC or laptop for further processing using the USB 2.0 cable in combination with the OXM 901 software.
- Power supply is from an external 12 V power unit
- Scope of delivery ODC 851: Camera, USB mouse, USB 2.0 cable (length: 2 m), HDMI cable (length: 2 m), SD card (16 GB) and camera software Microscope VIS Basic KERN OXM 901
- Please order the appropriate C-mount adapter to fit your KERN microscope now

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	ODC 851
Model-Serie	ODC-85
Assortment	Optics
Product Type	Microscopes
Product group	Microscope cameras
Product usage type	Main article
EAN code (Model)	404576 1360310
Predecessor Model	ODC 851-2022a

Customs tariff number 85258900

Technical data - Primary

Camera type	HDMI Microscope Camera - C-Mount
Camera resolution	2 MP
Sensor type	Sony CMOS
Sensor size	1/2"

Technical data - Construction

Color capability	Colour
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Camera mounting	C-Mount
Interfaces	HDMI;SD Kartenslot;USB 2.0
Operating system	Win 10;Win 11;Win 7;Win 8
Applicable software	external (OXM 902)
Dimensions (W×D×H)	88×78×68 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	1.6 kg
Net weight	1.00 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	423 g
Packaging component - by weight - plastics	11.5 g
Packaging component - by weight - styrofoam	0 g
Packaging component - by weight - foam	65.5 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-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
YKA-02	Power supply adapter set KERN YKA-02
ODC-A8101	Stage micrometer KERN ODC-A8101
ODC-A8501	HDMI cable ODC-A8501
ODC-A8502	USB mouse ODC-A8502
ODC-A8503	USB 2.0 cable ODC-A8503
ODC-A8504	Power supply KERN ODC-A8504
ODC-A8505	SD-memory card ODC-A8505
ODC-A8506	Power supply KERN ODC-A8506