

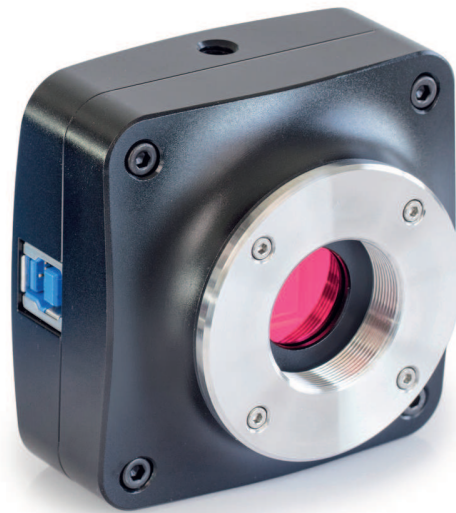
## PRODUCT BROCHURE

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# OPTICS ODC 841

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ENGLISH



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

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### CONTACT

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information

## DESCRIPTION

- The high-resolution, professional ODC-84 range offers you an impressive 20 megapixel resolution which will give you bright detailed views of your sample. By using the integrated USB 3.0 interface, live images are transferred to the KERN OXM 902 for processing and documentation.
- Power supply is through the USB interface so that there is no requirement for an external power source.
- As well as the camera, the delivery includes our multi-lingual camera software Microscope VIS Pro KERN OXM 902, a USB cable (length: 2 m), various eyepiece adapters and an object micrometre to calibrate the software
- 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 841            |
| Model-Serie           | ODC-84             |
| Assortment            | Optics             |
| Product Type          | Microscopes        |
| Product group         | Microscope cameras |
| Product usage type    | Main article       |
| EAN code (Model)      | 4045761235724      |
| Customs tariff number | 85258900           |

### Technical data - Primary

|                   |                                  |
|-------------------|----------------------------------|
| Camera type       | USB3 Microscope camera - 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)  | 68×68×46 mm               |

### Technical data - Power supply

|                  |                         |
|------------------|-------------------------|
| Power Plug       | USB B                   |
| Protection Class | Class III - Low voltage |

### Technical data - Packing & Shipping

|                                             |                |
|---------------------------------------------|----------------|
| Dimensions packaging (W×D×H)                | 150×150×100 mm |
| Gross weight                                | 0.65 kg        |
| Net weight                                  | 0.50 kg        |
| Shipping method                             | Parcel service |
| Packaging component - by weight - paper     | 0 g            |
| Packaging component - by weight - cardboard | 91.5 g         |
| Packaging component - by weight - plastics  | 500 mg         |

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 72.5 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

## FUNCTIONS

Standard



## ACCESSORIES

| Model     | Description                                               |
|-----------|-----------------------------------------------------------|
| 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                     |
|-----------|---------------------------------|
| ODC-A8101 | Stage micrometer KERN ODC-A8101 |
| ODC-A8301 | USB 3.0 cable ODC-A8301         |