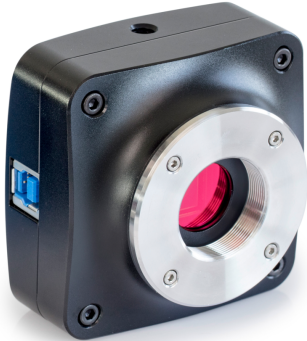


# KERN ODC 841



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



## Category

|                  |                   |
|------------------|-------------------|
| Brand            | Optics            |
| Product category | Microscope        |
| Product group    | Microscope camera |
| Product family   | ODC-84            |

## Construction

|                   |             |
|-------------------|-------------|
| Dimension (W×D×H) | 68×68×46 mm |
|-------------------|-------------|

## Functions

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Camera - Applicable software      | Microscope VIS 2.0 Pro (OXM 902) |
| Supported operating systems       | Win 8<br>Win 10<br>Win 11        |
| System requirements CPU           | Quad-Core, x64                   |
| System requirements RAM           | 8 GB                             |
| System requirements SSD storage   | 256 GB SSD                       |
| System requirements graphics card | DirectX 12                       |
| System requirements screen        | 20" HD or larger                 |
| System requirements clock speeds  | 2.8 GHz                          |

## Interface

|            |         |
|------------|---------|
| Interfaces | USB 3.0 |
|------------|---------|

## Camera

|                      |                                  |
|----------------------|----------------------------------|
| Cameratype           | USB3 Microscope camera - C-Mount |
| Camera - Resolution  | 20 MP                            |
| Camera - Sensor type | Sony CMOS                        |
| Camera - Sensor size | 1"                               |

|                              |                 |
|------------------------------|-----------------|
| Camera - Colour depth        | Colour          |
| Camera- Mounting types       | C-mount         |
| Camera - Exposure method     | Rolling Shutter |
| Camera - Sensor dimensions   | 13,06×8,76 mm   |
| Camera - Pixel size          | 2,4×2,4 µm      |
| Camera - FPS range 1         | 15 FPS          |
| Camera - Resolution range 1  | 5440x3648       |
| Camera - FPS range 2         | 50 FPS          |
| Camera - Resolution range 2  | 2736x1824       |
| Camera - FPS range 3         | 60 FPS          |
| Camera - Resolution range 3  | 1824x1216       |
| Camera - Exposure time [Min] | 0,1 ms          |
| Camera - Exposure time [Max] | 15000 ms        |

## Power Supply

|                                    |             |
|------------------------------------|-------------|
| Input voltage device / power [Max] | 5 V, 435 mA |
| Power socket for mains adapter     | USB B       |

## Environmental conditions

|                           |       |
|---------------------------|-------|
| Storage temperature [Min] | -5 °C |
| Storage temperature [Max] | 40 °C |

## Approval

|         |   |
|---------|---|
| CE mark | ✓ |
|---------|---|

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 150×150×100 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 0,50 kg        |
| Gross weight approx.         | 0,65 kg        |
| Shipping weight              | 0,6245 kg      |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761235724            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD

