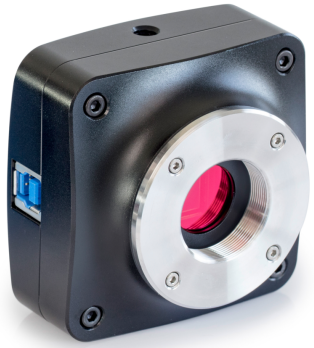
KERN **ODC 841**

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



Date of creation: 22.06.2026

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 Win 10 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
Shipping volume weight	0,5 kg

Product information

GTIN/EAN number	4045761235724
Trade number	85258900
REACH classification	no prohibited substances

Pictograms

STANDARD