KERN **ODC 881**

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

Date of creation: 14.11.2026

Category	
Brand	Optics
Product category	Microscope
Product group	Microscope camera
Product family	ODC-88

Construction	
Dimension (W×D×H)	56×32×32 mm

Functions	
Supported operating systems	Win 8 Win 10 Win 11
Camera - Applicable software	Microscope VIS 2.0 Pro (OXM 902)
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	13" Full HD, 1920x1080
System requirements clock speeds	2.8 GHz

Interface	
Interfaces	USB 3.0

Camera	
Cameratype	USB3 Eyepiece camera - 23.2 mm
Camera - Resolution	5,1 MP
Camera - Sensor type	Aptina CMOS
Camera - Sensor size	1/2,8"
Camera - Colour depth	Colour
Camera- Mounting types	Plug-in connection
Camera - Exposure method	Rolling Shutter
Camera - Sensor dimensions	5,18×3,89 mm
Camera - Pixel size	2×2 µm
Camera - FPS range 1	20 FPS
Camera - Resolution range 1	2592x1944
Camera - FPS range 2	20 FPS
Camera - Resolution range 2	1280x960
Camera - FPS range 3	20 FPS
Camera - Resolution range 3	640x480

Power Supply	
Power supply cable removable	removable
Input voltage device / power [Max]	5 V, 180 mA

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)	145×95×60 mm
Shipping method	Parcel service
Net weight approx.	0,45 kg
Gross weight approx.	0,50 kg
Shipping weight	0,5 kg
Shipping volume weight	0,2 kg

Product information	
GTIN/EAN number	4045761246423
Trade number	90119000
Warranty Time	24 mon
REACH classification	no prohibited substances

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Pictograms

STANDARD