KERN **ODC 832**

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



Date of creation: 24.10.2026

Category	
Brand	Optics
Product category	Microscope
Product group	Microscope camera
Product family	ODC-83

Construction	
Dimension (W×D×H)	80×80×45 mm
Material display housing	No display available

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 Microscope camera - C-Mount
Camera - Resolution	5,1 MP
Camera - Sensor type	Aptina CMOS
Camera - Sensor size	1/2,5"
Camera - Colour depth	Colour
Camera- Mounting types	C-mount
Camera - Exposure method	Rolling Shutter
Camera - Sensor dimensions	5,7×4,28 mm
Camera - Pixel size	2,2×2,2 µm
Camera - FPS range 1	16 FPS
Camera - Resolution range 1	2592x1944
Camera - FPS range 2	50 FPS
Camera - Resolution range 2	1296x972
Camera - FPS range 3	100 FPS
Camera - Resolution range 3	648x486
Camera - Exposure time [Min]	0,1 ms
Camera - Exposure time [Max]	2000 ms

Power Supply	
Input voltage device / power [Max]	5 V, 200 mA
Power socket for mains adapter	USB B

Environmental conditions	
Storage temperature [Min]	-5 °C
Storage temperature [Max]	40 °C

Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	164×164×75 mm
Shipping method	Parcel service
Net weight approx.	0,60 kg
Gross weight approx.	1,00 kg
Shipping weight	1 kg
Shipping volume weight	0,4 kg

Product information	
GTIN/EAN number	4045761190474
Trade number	90119000
Warranty Time	36 mon
REACH classification	no prohibited substances

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Pictograms

STANDARD

