

KERN ODC 832



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



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

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
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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

Approval

CE mark	✓
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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

Product information

GTIN/EAN number	4045761190474
REACH classification	no prohibited substances

Pictograms

STANDARD

