

KERN ODC 874

KERN

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



Category

Brand	Optics
Product category	Microscope
Product group	Microscope camera
Product family	ODC-87

Construction

Dimension (W×D×H)	40×27×27 mm
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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 2.0
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Camera

Cameratype	USB2 Eyepiece camera - 23.2 mm
Camera - Resolution	3,1 MP
Camera - Sensor type	Aptina CMOS
Camera - Sensor size	1/2,5"
Camera - Colour depth	Colour
Camera- Mounting types	Plug-in connection
Camera - Exposure method	Rolling Shutter

Camera - Sensor dimensions	5,73×4,3 mm
Camera - Pixel size	2,8×2,8 µm
Camera - FPS range 1	30 FPS
Camera - Resolution range 1	2048×1536
Camera - FPS range 2	30 FPS
Camera - Resolution range 2	1024×768
Camera - Exposure time [Min]	0,1 ms
Camera - Exposure time [Max]	1000 ms

Power Supply

Power supply cable removable	removable
Input voltage device / power [Max]	5 V, 170 mA

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)	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

Product information

GTIN/EAN number	4045761190528
REACH classification	no prohibited substances

Pictograms

STANDARD

