

KERN ODC 831



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	external (OXM 902)
Supported operating systems	Win 7
	Win 8
	Win 10
	Win 11

Interface

Interfaces	USB 3.0
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Camera

Cameratype	USB3 Microscope camera - C-Mount
Camera - Resolution	3,1 MP
Camera - Sensor type	Aptina CMOS
Camera - Sensor size	1/3"
Camera - Colour depth	Colour
Camera- Mounting types	C-mount
Camera - Exposure method	Rolling Shutter
Camera - Sensor dimensions	4,51×3,37 mm
Camera - Pixel size	2,2×2,2 µm
Camera - FPS range 1	27 FPS

Camera - Resolution range 1	2048×1534
Camera - FPS range 2	53 FPS
Camera - Resolution range 2	1024×770
Camera - Exposure time [Min]	0,1 ms
Camera - Exposure time [Max]	2000 ms

Power Supply

Input voltage device / power [Max]	5 V, 230 mA
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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

Pictograms

STANDARD

