

KERN ODC 861

The cooled camera for professional fluorescence examinations

KERN

Category

Brand	Optics
Product category	Microscope
Product group	Microscope camera
Product family	ODC-86

Construction

Dimension (W×D×H)	80×80×103 mm
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Functions

Camera - Applicable software	Microscope VIS 2.0 Pro (OXM 902)
	Win 8
Supported operating systems	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 (Cooling) - C-Mount
Camera - Resolution	20 MP
Camera - Sensor type	Sony CMOS

Camera - Sensor size	1"
Camera - Colour depth	Colour
Camera- Mounting types	C-mount
Camera - Exposure method	Rolling Shutter
Camera - Sensor dimensions	13,056×8,755 mm
Camera - Pixel size	2,4×2,4 µm
Camera - FPS range 1	19 FPS
Camera - Resolution range 1	5440x3648
Camera - FPS range 2	49 FPS
Camera - Resolution range 2	2736x1824
Camera - FPS range 3	59 FPS
Camera - Resolution range 3	1824x1216
Camera - Exposure time [Min]	0,1 ms
Camera - Exposure time [Max]	3600000 ms

Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO
	AUS
Plug-in power supply / adapter for countries - optional	UK
	US
	CH
Input voltage power supply / power [Max]	100 - 240 V AC, 50/60 Hz, 1,0 A
Power supply cable removable	removable
Input voltage device / power [Max]	12 V 3 A 36 W
Power socket for mains adapter	Inside plus, outside minus

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)	270×250×130 mm
Shipping method	Parcel service
Net weight approx.	2,6 kg
Gross weight approx.	2,6 kg
Shipping weight	2,5765 kg

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Product information

GTIN/EAN number	4045761235748
REACH classification	no prohibited substances

Pictograms

STANDARD

