

Камеры для микроскопа, аксессуары CARL ROTH ODC 824, ODC 825, ODC 831, ODC 832, Moticam S1, Moticam S3, Moticam S6, Moticam S12, Moticam Pro S5 Lite, MN 13 B, OZB A515

Технические характеристики

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
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Россия (495)268-04-70

Казахстан (772)734-952-31

Киргизия (996)312-96-26-47

Microscope cameras

Microscope camera ODC series

Kern.

For conventional microscope use, and for demanding applications (e.g. darkfield, phase contrast and fluorescence).

- Fast and clear image transmission with proven CMOS technology
- USB 2.0 data transmission adequate for static samples. USB 3.0 version recommended for living samples (faster transmission without stalling)
- Multilingual software available. With the streaming, photo snapshot and video functions. Various measuring functions such as distance, surface and angular measurement, as well as manual counting possible. Image processing and documentation functions included
- Mounting possible either via C-mount connection on the third tube of the microscope or via the eyepiece.
- Suitable C-mount adapter is provided by the microscope manufacturer. Eyepiece adapter (Ø 23.2 mm) and adapter rings (Ø 30.0 mm and 30.5 mm) are also supplied
- Supports the following operating systems: Win XP, Vista, 7, 8, 10



Technical specifications:

Art. No.	HNH5.1	HNH6.1	HNH7.1	HNH8.1
Type	ODC 824	ODC 825	ODC 831	ODC 832
Sensor type	CMOS			
Sensor format	1/2"	1/2.5"	1/3"	1/2.5"
Number of pixels	3.1 (MP)	5.1 (MP)	3.1 (MP)	5.1 (MP)
Pixel Size	3.2 x 3.2 µm			
Images per second	11,5 fps @ 2048 x 1536, 32 fps @ 1024 x 768, 45 fps @ 680 x 510	6,8 fps @ 2592 x 1944, 18 fps @ 1280 x 960, 55 fps @ 640 x 480	27,3 fps @ 2048 x 1536, 53,3 fps @ 1024 x 770	14,2 fps @ 2560 x 1922, 38,3 fps @ 1280 x 960, 101,2 fps @ 640 x 480
Application	Bright field, dark field, phase contrast, polarisation, simple fluorescence			
Port	USB 2.0		USB 3.0	
Cable length	2 m			

Delivery incl. USB cable, eyepiece adapter, rings and stage micrometer for calibrating the software. Please download the software free of charge.

Type	Art. No.	Pack Qty.	
ODC 824	HNH5.1	1 unit(s)	
ODC 825	HNH6.1	1 unit(s)	
ODC 831	HNH7.1	1 unit(s)	
ODC 832	HNH8.1	1 unit(s)	



Microscope cameras

Microscope camera Moticam S series

Motic.

For diverse applications in day-to-day microscopic work in which data processing is carried out directly on the PC.

- Can be mounted via C-mount connection on the third tube of the microscope; the microscope manufacturer provides appropriate C-mount adapters
- New sCMOS technology for high frame rates and optimal image quality; maximum sensitivity for applications with low light output
- Faster data reading for recording rapid phenomena via USB 3.1 gen.1 connection; USB 2.0 compatibility for older computers ensured
- Supported operating systems: Windows XP and later versions, Apple Mac OSX and Linux
- Minimum system requirements: 2 GHz dual-core, 2 GB RAM, min. 512 MB video memory
- Software functions: Still image and video, live and still image measurements, image enhancement, white balance, automatic and manual exposure time, individual calibration



Technical specifications:

Art. No.	1C35.1	1C36.1	1C37.1	1C38.1	1C39.1
Type	Moticam S1	Moticam S3	Moticam S6	Moticam S12	Moticam Pro S5 Lite
Sensor type	sCMOS				
Sensor format	1/3"	1/2,8"	1/1,8"	1/1,7"	2/3"
Number of pixels	1.2 (MP)	3 (MP)	6 (MP)	12 (MP)	5 (MP)
Pixel Size	3.75 x 3.75 µm	2.5 x 2.5 µm	2.4 x 2.4 µm	1.85 x 1.85 µm	3.45 x 3.45 µm
Resolution	1280 x 960 pixels (live image display)	2048 x 1536 pixels (live image display)	3072 x 2048 pixels (live image display)	4000 x 3000 pixels (live image display)	2448 x 2048 pixels (live image display)
Images per second	120 fps @ 1280 x 960, 240 fps @ 640 x 480	60 fps @ 2048 x 1536, 60 fps @ 1920 x 1080	30 fps @ 3072 x 2048, 50 fps @ 1536 x 1024	25 fps @ 4000 x 3000, 50 fps @ 2048 x 1080	37.5 fps @ 2448 x 2048, 88.4 fps @ 1224 x 1024
Application	Bright-field, dark-field, polarisation				Bright-field, dark-field, polarisation, fluorescence
Port	USB 3.1				

Delivery incl. CS ring, USB 3.1 cable, Motic 4-point calibration, Motic Images Plus 3.0 software.

Type	Art. No.	Pack Qty.	
Moticam S1	1C35.1	1 unit(s)	
Moticam S3	1C36.1	1 unit(s)	
Moticam S6	1C37.1	1 unit(s)	
Moticam S12	1C38.1	1 unit(s)	
Moticam Pro S5 Lite	1C39.1	1 unit(s)	

Microscope accessories



Pocket microscope

ROTH SELECTION.

With focusing device and swivel illumination of the viewing area.

Technical specifications:

Art. No.	P387.1
Type	Pocket microscope
Magnification	30-way
L x W x H	45 x 20 x 140 mm
Power supply	2 x 1.5 V AA batteries

Delivery without batteries, please order separately.

Type	Art. No.	Pack Qty.
Pocket microscope	P387.1	1 unit(s)



Bellows with cleaning brush

ROTH SELECTION. Material: Rubber.

With attachable brush. For non-contact removal of dust and/or loose dirt particles on optical surfaces and other sensitive surfaces. Easy to handle. Large elastic rubber bellows for strong blowing action. Sturdy air nozzle at the front and air inlet valve at the back.

Ø x L (mm)	Art. No.	Pack Qty.
60 x 180	KP30.1	1 unit(s)



Lens paper MN 13 B

Macherey-Nagel.

Lint-free tissue paper for cleaning optical glasses and cuvettes, and as protective paper for metallographic specimens. 50-sheet block.

Length (mm)	Width (mm)	Art. No.	Pack Qty.
80	100	1068.1	10 unit(s)



Lens paper

Motic.

For trace-free cleaning, also removes dust and oil. 500 sheets per pack.

Length (mm)	Width (mm)	Art. No.	Pack Qty.
100	45	LH30.1	500 sheet



Cold light source Dual goose neck LED

Kern.

External lighting unit (reflected) for microscope. For maximum flexibility and maximum comfort. With excellent light quality at constant intensity on the object.

Technical specifications:

Art. No.	HNH3.1
Type	OZB A515
Colour temperature	5600–6300 K
L x W x H	300 x 250 x 250 mm
Weight	1500 g
Light source	6 W LED, dimmable
Service life	approx. 50,000 hours
Mains connection	100–240 V, 50/60 Hz

Delivery incl. dual arm gooseneck light guide.

Type	Art. No.	Pack Qty.
OZB A515	HNH3.1	1 unit(s)

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