KERN **ODC 231**

High-resolution microscope camera with LCD display, can be retrofitted to all models in the OBT range



Date of creation: 24.10.2026

Category	
Brand	Optics
Product category	Microscope
Product group	Microscope camera
Product family	ODC-23

Display	
Display type	LCD
Display screen size	7"
Display resolution	1844×1080
Languages of the user interface	German English French Spanish Polish Portuguese

Construction	
Dimension (W×D×H)	182×125×85 mm
Dimension display device (W×D×H)	182×125×15 mm
Material display housing	plastic

Functions	
Supported operating systems	Win 10 Win 11
Memory - total size	16 GB
Camera - Software functions	Image capturing Video capturing Image editing/ Documentation Measurements
Camera - Applicable software	S-Viewer (OXM 904) integrated camera software
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	13" Full HD, 1920x1080
System requirements clock speeds	2.8 GHz

Interface	
Interfaces	USB 2.0 MicroSD

Camera	
Cameratype	Tablet camera
Camera - Resolution	2 MP
Camera - Sensor type	CMOS
Camera - Sensor size	1/2,8"
Camera - Colour depth	Colour
Camera- Mounting types	Plug-in connection
Camera - Exposure method	Rolling Shutter
Camera - Sensor Diagonal	6,46 mm
Camera - Pixel size	2,9×2,9 µm
Camera - FPS range 1	30 FPS
Camera - Resolution range 1	1920x1080
Camera - Exposure time [Min]	0,03 ms
Camera - Exposure time [Max]	40 ms

Power Supply	
Supplied power supply	Power supply unit
Power supply type	USB including power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK
Input voltage power supply / power [Max]	100 - 240 V AC | 50 / 60 Hz | 400 mA
Power supply cable removable	removable
Input voltage device / power [Max]	5 V 1000 mA
Power socket for mains adapter	Inside plus, outside minus

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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	200×190×125 mm
Shipping method	Parcel service
Net weight approx.	0,50 kg
Gross weight approx.	0,70 kg
Shipping weight	1 kg
Shipping volume weight	1 kg

Product information

GTIN/EAN number	4045761484979
Trade number	90119000
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

