KERN **ODC 251**

HD tablet with integrated 4K camera for convenient monitoring and professional digital documentation of the sample



Date of creation: 24.10.2026

Category	
Brand	Optics
Product category	Microscope
Product group	Microscope camera
Product family	ODC-25

Display	
Display type	HD Touch Screen
Display screen size	10,5"
Display resolution	1920x1280
Languages of the user interface	German English

Construction	
Dimension (W×D×H)	237×169×57 mm
Dimension display device (W×D×H)	237×169×19 mm
Material display housing	plastic

Functions	
Supported operating systems	Win 7 Win 8 Win 10 Win 11
Memory - total size	32 GB
Camera - Software functions	Image capturing Video capturing Measurements
Camera - Applicable software	integrated camera software
System requirements CPU	Quad-Core, x64
System requirements RAM	8 GB
System requirements SSD storage	128 GB SSD
System requirements graphics card	DirectX 9
System requirements screen	13" Full HD, 1920x1080
System requirements clock speeds	3.6 GHz

Interface	
Interfaces	Ethernet WiFi USB 2.0 USB 3.0 HDMI Wireless data transfer

Camera	
Cameratype	Tablet camera
Camera - Resolution	8 MP 4 K
Camera - Sensor type	CMOS
Camera - Sensor size	1/1,8"
Camera - Colour depth	Colour
Camera- Mounting types	C-mount
Camera - Exposure method	Rolling Shutter
Camera - Sensor dimensions	7,736×4,379 mm
Camera - Sensor Diagonal	8,88 mm
Camera - Pixel size	2×2 µm
Camera - FPS range 1	30 FPS
Camera - Resolution range 1	3840*2160
Camera - Exposure time [Min]	0 ms
Camera - Exposure time [Max]	1000 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
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	100 - 240 V AC 50/60 Hz 0.5 A
Power supply cable removable	removable
Input voltage device / power [Max]	12 V; 2 A
Power socket for mains adapter	Inside plus, outside minus

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Battery / accumulator type	Li-MnO2 (lithium manganese dioxide)
Battery capacity	38 mAh
Battery voltage	3 V
Battery – Number of cells	1
Battery – Individual weight	1 g
Battery – Total weight	1 g
Battery – Construction	Individual cells
Battery capacity (Wh)	0,114 Wh
Battery – Lithium content	12 mg
Battery – Tests passed UN 38.3	✓

Environmental conditions

Storage temperature [Min]	-5 °C
Storage temperature [Max]	40 °C

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	275×230×85 mm
Shipping method	Parcel service
Net weight approx.	0,80 kg
Gross weight approx.	1,2 kg
Shipping weight	1,1 kg
Shipping volume weight	1,1 kg

Product information

GTIN/EAN number	4045761484962
Trade number	90119000
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

