KERN **ODC 241**

Tablet with integrated camera for the very best monitoring of the sample as well as digital documentation



Date of creation: 23.10.2026

Category	
Brand	Optics
Product category	Microscope
Product group	Microscope camera
Product family	ODC-24

Display	
Display type	HD Touch Screen
Display screen size	9,7"
Display resolution	2048×1536
Languages of the user interface	English

Construction	
Dimension (W×D×H)	238×182×51 mm
Dimension display device (W×D×H)	238×182×10 mm
Material display housing	aluminium, anodised

Functions	
Supported operating systems	Win 10 Win 11
Memory - total size	16 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	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	WiFi USB 2.0 MicroSD Wireless data transfer HDMI Micro

Camera	
Cameratype	Tablet camera
Camera - Resolution	5 MP
Camera - Sensor type	Sony CMOS
Camera - Sensor size	1/2,8"
Camera - Colour depth	Colour
Camera- Mounting types	C-mount
Camera - Exposure method	Rolling Shutter
Camera - Sensor Diagonal	6,52 mm
Camera - Pixel size	2,2×2,2 µm
Camera - FPS range 1	15 FPS
Camera - Resolution range 1	2592*1944
Camera - Exposure time [Min]	1000 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
Battery / accumulator type	Li-MnO2 (lithium manganese dioxide)
Battery capacity	38 mAh

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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	4045761217683
Trade number	85258900
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

