

PRODUCT BROCHURE

OPTICS ODC 854

Date: 11.03.2026

ENGLISH



Self-contained 4K microscope camera with state-of-the-art Sony sensor and HDMI and USB output for maximum flexibility

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PRODUCT SHOWCASE



ENGLISH

DESCRIPTION

- 4K resolution (3840*2160) at 30 FPS for razor-sharp live images in real time
- Large sensor surface (1/1,8") enables detailed and bright images
- Large pixel size (2×2 μm) ensures an excellent signal-to-noise ratio with low illumination
- 8-megapixel resolution for precise reproduction of live images in high detail
- HDMI and USB output enable simultaneous use on monitor and PC
- Supports Microsoft® Windows 7, 8, 10 and 11 – broad use even in existing IT infrastructure
- Integrated software functionality enables stand-alone operation without a PC
- S-Viewer PC software for convenient image processing and analysis – available on our website
- C-mount connection for easy combination with all common trinocular microscopes
- Ideal for training courses and presentations thanks to live image transmission via monitor or projector

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	ODC 854
Model-Serie	ODC-85
Assortment	Optics
Product Type	Microscopes

Product group	Microscope cameras
Product usage type	Accessories/DL
EAN code (Model)	4045761496569
Predecessor Model	ODC 851
Customs tariff number	90119000
CE Label	yes
Country of Origin	CN

Technical data - Primary

Camera type	4K Mikroskopkamera
Camera resolution	8 MP 4 K
Sensor type	Sony CMOS
Sensor size	1/1,8"

Technical data - Construction

Color capability	Colour
Camera mounting	C-Mount
Interfaces	HDMI;USB 2.0
Operating system	Win 10;Win 11
Applicable software	integrierte Kamerasoftware (HDMI);S-Viewer (OXM 904)
Software functions	Bilddaufnahme;Bildbearbe itung/Dokumentation;M essungen;Videoaufnahm e
Dimensions (W×D×H)	63×63×55 mm

Technical data - Power supply

Power supply kind	Power adapter
Input Voltage	100 V - 240 V AC, 50 / 60 Hz
Power Plug	Inside plus, outside minus
Protection Class	Class III - Low voltage
Cable attachment	removable

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	200×160×85 mm
Gross weight	0.70 kg
Net weight	0.60 kg
Shipping method	Parcel service
Delivery time	1 d

Technical data - Environmental conditions

Storage Temp Min	-5 °C
Storage Temp Max	40 °C

Technical data - Verification

WEEE	yes
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FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
ODC-A2404	Stage micrometer KERN ODC-A2404
OBB-A3234	USB memory stick KERN OBB-A3234

SPARE PARTS

Model	Description
ODC-A2404	Stage micrometer KERN ODC-A2404
OBB-A3233	USB mouse KERN OBB-A3233