PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN ODC 854

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

ENGLISH



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FEATURES

- 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
- The PC software S-VIEWER for convenient image processing and analysis is available to download free of charge
- 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

MAIN SCOPE OF APPLICATIONS

- Electronics and circuit board inspection (fault analysis, solder joint inspection, visual inspection of components)
- Material testing and material analysis (crack testing, surface examination, grain size determination)
- Biosciences and medicine (histology, cell analysis, tissue examination under light microscopes)
- Industrial quality assurance (final visual inspection in production, documentation of product defects)
- Teaching and training (live transmission of microscope images in the classroom or lecture theatre)
- Documentation and archiving (high-resolution image and video recording for reports, expert opinions or research)
- Clean room and semiconductor applications (monitoring very fine particles or defects)

PICTOGRAMS

Standard



Option



ACCESSORIES

Model	Description
OBB-A3237	USB interface cable OBB-A3237
ODC-A2404	Calibration slide ODC-A2404
OZB-A2182	USB memory stick 8 GB OZB-A2182

SOFTWARE

Model	Description
OXM 904	KERN microscope software OXM 904 S-VIEWER

KERN Pictogram Overview

	Data Interface USB: For connection to printers, PCs or other peripheral devices
	HDMI digital camera: For direct transmitting of the picture to a display device
	Plug-in power supply: 230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available
	Package shipment by courier service: The duration of internal product provision is one day
	PC Software: to transfer the measurements from the device to a PC

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