









Innovative hand-held microscope for mobile applications with immediate display of the image on a smartphone or tablet

Features

- The digital WLAN hand-held microscope is designed for rapid and simple surface observations. Ideally suited for coins, bank notes, stamps, circuit boards, plants, insects, gems and skin samples for industrial use, for all hobby scientists, children and students
- The KERN ODC 910 WLAN microscope has been specially developed for direct connection to your WLAN-enabled smartphone or tablet with iOS or android
- During the live transfer to your smartphone or tablet you can take photos and videos of the sample you are investigating, and these can also be stored on your device. For larger videos you can also insert a mini SD card directly into the microscope
- With the WLAN microscope you can easily adjust the magnification to suit all conventional samples. The focus can be adjusted to a magnification of 10× as well as 200×

 The six LEDs fitted in a ring shape ensure strong and effective illumination of your sample. Use the adjustment wheel on the microscope to control the illumination setting.

NEV

- You can download the app for the ODC 910 WLAN microscope from the Apple App Store or the Android Google Play Store free of charge and this app enables you to directly transfer images and videos from the microscope to your smartphone or tablet through a simple connection
- The scope of delivery includes the WLAN microscope with integrated rechargeable battery pack, a flexible column which is easy to adjust and which has a swan neck so that you can achieve the ideal height setting, as well as a mains adapter



WLAN SD RECHARGE 230 V 1 DAY

Model KERN	Resolution	Interface	FPS	Sensor	Sensor size	Supported operating system	Magnifica- tion levels	Focusing stand	Illumination	
ODC 910	2 MP	WLAN, SD	15 - 30	CMOS	1/4"	Android, iOS	10×, 200×	Goose neck	6× LED	

KERN Pictograms:



360° rotatable microscope head



Monocular Microscope For the inspection with one eye



Binocular Microscope For the inspection with both eyes

Trinocular Microscope



the additional option for the connection of a camera Abbe Condenser With high numerical aperture for the

concentration and the focusing of light

For the inspection with both eyes and



73

ABBE

Halogen illumination For pictures bright and rich in contrast



LED illumination Cold, energy saving and especially long-life illumination



Incident illumination For non-transparent objects



Transmitting illumination For transparent objects



Fluorescence illumination For stereomicroscopes



Fluorescence illumination for compound microscopes With 100W mercury lamp and filter

Abbreviations

C-Mount	Adapter for the connection of a camera to a trinocular microscope
FPS	Frames per second
H(S)WF	High (Super) Wide Field (Eyepiece with high eye point for wearers of glasses)

C



Fluorescence illumination for compound microscopes With 3W LED illumination and filter



Phase contrast unit For a higher contrast

Darkfield condenser/unit

For a higher contrast due to indirect





Polarising unit To polarise the light

Infinity system

illumination







For stereomicroscopes Parallel optical system

For stereomicroscopes, enables

Zoom magnification

fatigue-proof working

Infinity corrected optical system



Integrated scale human In the eyepiece SCALE



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USB 2.0

⊷

USB 3.0

SD card For data storage



USB 2.0 digital camera



For direct transmitting of the picture to a PC



WLAN data interface: For transmitting of the picture to a mobile display device



HDMI digital camera For direct transmitting of the picture to a display device



PC software To transfer the measurements from the device to a PC.



SOFTWARE

Automatic temperature compesation For measurements between 10 °C and 30 °C



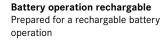
Protection against dust and water splashes IPxx The type of protection is shown by the

pictogram.



Battery operation Ready for battery operation. The battery type is specified for each device.





Mains adapter

230 V	



Power supply Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.

230V/50Hz in standard version for EU.

On request GB, AUS or USA version.



Package shipment The time required to manufacture the product internally is shown in days in the pictogram.

USB 3.0 digital camera For direct transmitting of the picture to a PC

Long Working Distance	SWF	Super Wig
Numerical Aperture		(Field nun for 10× ey
Single-Lens Reflex camera	W.D.	Working [
	6 6	Numerical Aperture

SWF	Super Wide Field (Field number at least \emptyset 23 mm for 10× eyepiece)
W.D.	Working Distance
WF	Wide Field (Field number up to Ø 22 mm for 10× eyepiece)

Your KERN specialist dealer:

