



Digital Microscope

for PC, tablet or smartphone



**innovative
modular
concept**



- flexible
- ergonomic
- precise
- HiRes imaging

i-C¹²⁰
by optikron

compact size for stationary or mobile use

highest flexibility
easy changeable configuration

for a wide range of applications
various working-platforms available as option

full aluminum body... precise and stable
for industry and laboratory applications

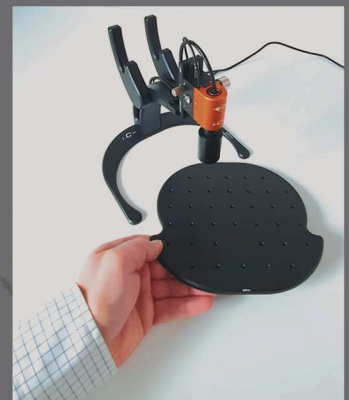
high resolution
5 MP USB UVC camera

professional microscopy with PC, tablet or smartphone
usable with Windows, Linux, MacOS and Android devices
no special drivers needed (UVC camera)
OPTIcapview software available as Windows or Android App

perfect for inspection, assembling and comfortable object handling
by a high magnification at long working distance

ergonomic design
low working-plane

homogenized illumination



**Klick... Klack... Plug...
and Use!**

camera	1/4" CMOS sensor (color), 1,4 µm pixel size		with binning	with cropping
resolution	2592x1944 (10 fps), 2048x1536 (20 fps), 1920x1080 (30 fps), 1280x720 (30 fps), 1024x768 (30 fps), 640x480 (30 fps) pixels	resolution (aspect ratio)	2592x1944, 2048x1536, 1280x720, 1024x768, 640x480 pixels	1920 x 1080 pixels
interface	USB 2.0 (UVC => no special drivers required)	visible width of image area (magnification at a 24" display)	7 mm (≈ 70x @24" monitor) * with optional accessories (tube extender) several options ...to 1.3 mm (≈ 400x @24")	4.6 mm (≈ 110x @24" monitor) ...to 0.9 mm (≈ 570x @24")
data format	MJPEG	working distance	87 mm * with standard configuration	87 mm * with standard configuration
OS	Windows, MacOS, Linux, Android	max. object height (over ground)	40 mm (+ 8 mm)	40 mm (+ 8 mm)
illumination	reflected-light unit (LED ring; USB plug; DC 5V) * transmitted-light unit in working-platform (optional accessory)			
weight	1.2 kg (basic device) / full aluminum body			

customized lenses, illumination, working-platforms and additional cameras are available on request