

# KERN OIV 255



The comprehensive digital solution for increased working comfort when carrying out continuous monitoring work in industry



Category	
Brand	Optics
Product category	Microscope
Product group	Video microscope
Product family	OIV-2

Display	
Display type	LCD
Display screen size	12"
Display resolution	1920×1080 HD

Construction	
Dimension (W×D×H)	320×260×483 mm
Optical system	Axial
Contrasting methods	Bright field

Functions	
Camera - Applicable software	integrated
Memory function	✓
Memory - total size	128 GB

Interface	
Interfaces	HDMI USB-Device

Objective	
Objectives magnifications	0,7 x - 5 x

Illumination	
Illuminance	Reflected light
Illumination type incident light	LED

Illumination intensity incident light	2 W
Illumination dimmable	Incident light

Focussing	
Field of view [Min]	4,18 mm
Field of view [Max]	29,82 mm
Zoom [Min]	0,7 x
Zoom [Max]	5 x
Sample height [Max]	100 mm
Torque regulation	✓
Working distance	105 mm
Magnification ratio	7,1:1
Focusing mechanism	coarse drive

Stereomicroscope stand	
Stand type	mechanical

Camera	
Camera - Resolution	2 MP
Camera - Sensor type	CMOS
Camera - Sensor size	1/2"
Camera - Colour depth	Colour
Camera - Framerate	60 fps
Camera - Exposure method	Rolling Shutter

Power Supply	
Supplied power supply	Power supply unit
Plug-in power supply type	Table power supply (not separable, no ground contact)
Plug-in power supply / adapter for countries - included with the delivery	EURO
	AUS
Plug-in power supply / adapter for countries - optional	UK US CH
Input voltage power supply / power [Max]	110 - 220 V
Input voltage device / power [Max]	12 V, 3,3 A

Environmental conditions	
Storage temperature [Min]	-5 °C
Storage temperature [Max]	40 °C

Approval	
CE mark	✓

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## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	510×430×350 mm
Net weight	5,174 kg
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	8 kg
Shipping weight	15,4 kg

## Pictograms

### STANDARD

