

SPECIFICATIONS / FEATURES

Stereo microscope	Leica EZ4 10x	Leica EZ4 16x	Leica EZ4 open	Leica EZ4 W Leica EZ4 E Digital 10x
Optical system	10° Greenough, parfocal	10° Greenough, parfocal	10° Greenough, parfocal	10° Greenough, parfocal
Magnification changer	zoom 4.4:1	zoom 4.4:1	zoom 4.4:1	zoom 4.4:1
Eyepieces for spectacle wearers	10x/20 fixed	16x/15 fixed	replaceable, fixed or adjustable: 10x/20, 16x/16, 20x/12 not suitable for spectacles	10x/20 fixed
Diopter correction			from +5 to -5 (adj. eyepieces)	
Viewing angle	60°	60°	60°	60°
Working distance	100 mm	100 mm	100 mm	100 mm
Magnification range	8x to 35x	13x to 56x	8x to 70x	8x to 35x
Max. resolution	170 Lp/mm	170 Lp/mm	170 Lp/mm	170 Lp/mm
Max. num. aperture	0.057 nA	0.057 nA	0.057 nA	0.057 nA
Object field diameter	5.7 to 25 mm	4.3 to 18.8 mm	3.4 to 25 mm	5.7 to 25 mm
Eyecups	replaceable	replaceable	replaceable	replaceable
Interpupillary distance	50 to 75 mm	50 to 75 mm	50 to 75 mm	50 to 75 mm
Beam path	100 % visual	100 % visual	100 % visual	50 % visual/ 50 % camera
Focusing drive torque	individually adjustable, 75 mm stroke (all instruments)			
Grip	integrated	integrated	integrated	integrated
LED illumination system	integrated, independent or combined incident and transmitted light (all instruments)			
Control	membrane switch	membrane switch	membrane switch	membrane switch
Incident light method	choice of 3 methods: maximum intensity with 5 LEDs, top light with three LED's, side light with 2 LED's			
Dimmer	yes, for incident and transmitted light	yes, for incident and transmitted light	yes, for incident and transmitted light	yes, for incident and transmitted light
Auto OFF	after 2 hours	after 2 hours	after 2 hours	after 2 hours
LED service life	approx. 25,000 h	approx. 25,000 h	approx. 25,000 h	approx. 25,000 h
Light quality	homogeneous daylight 6,500° reflected, 4,500° transmitted, free of UV and IR radiation (all instruments)			
Maintenance	maintenance-free	maintenance-free	maintenance-free	maintenance-free
Power supply	universal from 100 V to 240 V, voltage-sensitive, integrated (all instruments)			
Digital camera				integrated 5.0x megapixel CMOS camera
› WiFi mode				› WiFi broadcasting * (only available for Leica EZ4 W)
› USB mode				› USB cable connection to PC
› Ethernet mode				› Ethernet cable connection to network
› SD mode				› Capture to SD card
HDMI port				High Definition output for desktop or large HD displays
Integrated slot				SD (Secure Digital)
Recording				switch for image capture
Software				› Leica software for PC/MAC › Leica apps for mobile devices
Graticules, stage micrometers			for length stage micrometer usable in adjustable eyepieces	

* Note: The quantity of mobile device connections and their stability depends on the Wi-Fi traffic and network performance in the environment.