

Specifications

Characteristics	Ivesta 3	Ivesta 3 (C-mount)	Ivesta 3 (Integrated camera)
Optical system, lead-free	10° Greenough using best-corrected central part of the objective		
Zoom	9:1		
Viewing angle	35°		
Magnification range *	6.1x – 55x		
Maximum resolution	500 lp / mm		
Maximum numerical aperture	0.167		
Working distance *	122 mm		
Object field diameter *	37.6 mm		
Adjustable zoom limits *	Click-stops 10x, 20x, 30x, 40x and 50x		Fully coded zoom
Video/photo outlet	-	50 % video / 50 % visual, permanent	50 % video / 50 % visual, permanent
Weight (camera only)	1.6 kg	1.8 kg	2.2 kg
Standard objectives, lead-free	Apochromats 0.5x, 0.63x, 0.75x, 1.6x, 2.0x		
Ergonomic eyepieces, fixed and adjustable, with cups	10x/23, 16x/16, 20x/12		
Ergonomic eyepieces for eyeglass wearers, adjustable, with eyecups	10x/23, 16x/15, 25x/9.5, 40x/6		
Interpupillary distance *	50 mm – 76 mm		
Operating temperature	10 °C to 40 °C (50 °F to 104 °F)		
Storage/Transport temperature	-10 °C to 50 °C (14 °F to 122 °F)		
Relative humidity for storage / operation	10 % – 90 % (non-condensing)		
Use	For indoor use only		
Pollution degree	2		
Altitude operation	0 m to 2,000 m (0 ft to 6,561 ft)		
Live image on an HDMI monitor	-	-	at up to 60 fps (3,840 x 2,160 pixels)
Full-screen image capture	-	-	at 12 MP
Sensor diagonal	-	-	7.81 mm (type 1/2.3" CMOS)
Pixel size	-	-	1.55 µm x 1.55 µm
Input	-	-	5 V DC / 3 A
Power consumption	-	-	15 W
Supported software	-	-	Enersight
Color filter	-	-	IR-cut coating 650 nm, not replaceable
File formats	-	-	JPG, TIF, BMP, MJPG; for overlays also PNG
Compatibility	-	-	USB 3.0, standard USB type C
High-definition connector	-	-	HDMI 2.0a, HDMI plug type A
USB connectors	-	-	4x USB 2 connectors, type B
ON / OFF Button	-	-	1x (on rear side of the microscope)
Multicolor status LED	-	-	1x (on rear side of the microscope)

*Values with basic outfit (no supplementary lens, 10x/23 eyepieces)

CONNECT
WITH US!



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