AF4535ZTLE

Zna?ka:
Kód produktu: AF4535ZTLE

Short Description

1.3 Megapixel Edge sensor
10x~200x magnification
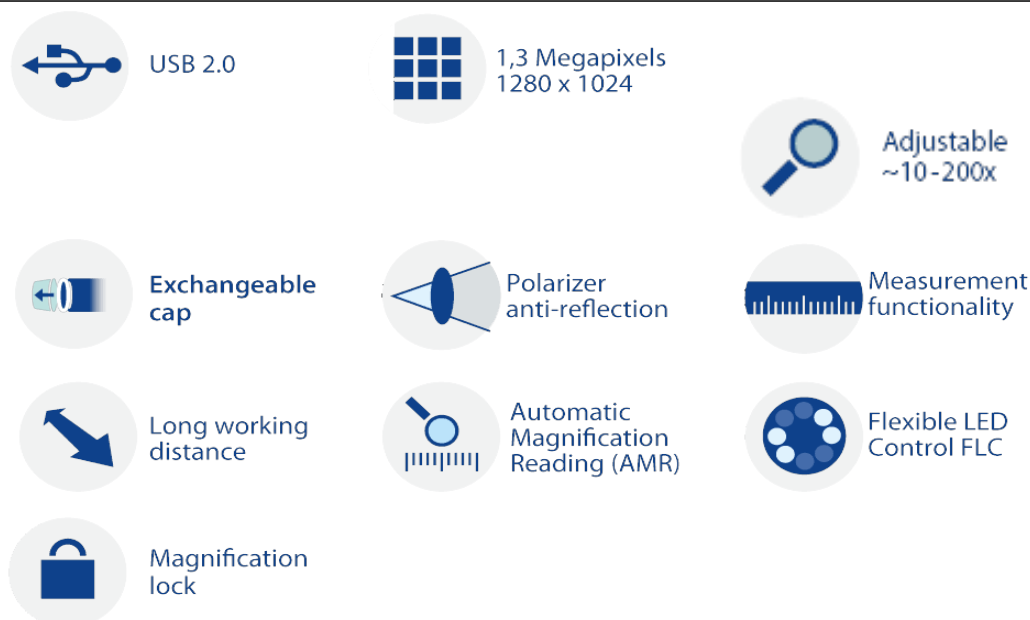Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)
Wireless-ready

Popis

The Dino-Lite AF4535ZTLE is part of Long Working Distance (LWD) series and connects to your device via USB. The AF4535ZTLE is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.

In comparison, the AF4x35 series provides a similar working distance range but achieves higher magnifications compared to the AM4x15 series.

USB 2.0

1,3 Megapixels
1280 x 1024

Adjustable
~10-200x

Exchangeable cap

Polarizer anti-reflection

Measurement functionality

Long working distance

Automatic Magnification Reading (AMR)

Flexible LED Control FLC

Magnification lock

The AF4535ZTLE is equipped with premium features such as Flexible LED control (FLC), integrated polarizer, extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

The main features of the AF4535ZTLE are:

- 1.3 Megapixel Edge sensor
- 10x~200x magnification
- Adjustable polarizer
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- Wireless-ready, requires the F-20 adapter (optional)
- And more...

Working distance/field of view/depth of field

Magnification Rate **Listed values may differ slightly**	Working Distance * *** Without front cap**	Field of View(x)	Field of View(y)	Depth of Field **Unit = mm**
10	355.8	39.1	29.3	55.2
20	173.0	19.5	14.7	14.5
30	113.1	13.0	9.8	6.7
40	83.8	9.8	7.3	3.9
50	66.8	7.8	5.9	2.6
60	55.9	6.5	4.9	1.9
70	48.6	5.6	4.2	1.5
80	43.4	4.9	3.7	1.2
90	39.8	4.3	3.3	1.0
100	37.1	3.9	2.9	0.8
110	35.2	3.6	2.7	0.7
120	33.8	3.3	2.4	0.6
130	32.9	3.0	2.3	0.5
140	32.3	2.8	2.1	0.5
150	32.0	2.6	2.0	0.4
160	31.8	2.4	1.8	0.4
170	31.9	2.3	1.7	0.4
180	32.1	2.2	1.6	0.3
190	32.5	2.1	1.5	0.3
200	33.0	2.0	1.5	0.3

Specifikace

Lighting

Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Infrared filter	IR cut-filter >650 nm
Diffuser available	Yes (N3C-D included)
Emission filter	No
Polarizer	Yes, linear
Optics	
Magnification	10x~200x
Macro zoom	No
Working distance	Long
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	1.3 Megapixel (1280x1024)
Maximum frame rate	30 fps
Compatibility	
Interface	USB 2.0
Operating system	Windows 7, 8, 10 & 11, MacOS 10.12 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows)	WMV, FLV, SWF
Supported image formats (MacOS)	JPEG, PNG
Supported video formats (MacOS)	MOV
Imaging standards	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-20 adapter (optional)
Housing	
Housing material	Composite/ plastic housing
Magnification lock	Yes
Dimensions	11.4cm (L) x 3.3cm (D)
Weight	111g
Cable length	1.8m
Features	
Special feature	Automatic Magnification Reading (AMR), Flexible LED Control (FLC)
Measurement	Yes

Calibration	Yes
Microtouch sensor	Yes
ESD safe	No
Information	
Package contents	Microscope, carry pouch, software CD, calibration target, user manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€550,00 - €750,00

Product Gallery