Dino-Lite Europe - Phone: - Email:

AF4535ZTLE

Brand:

Product Code: AF4535ZTLE

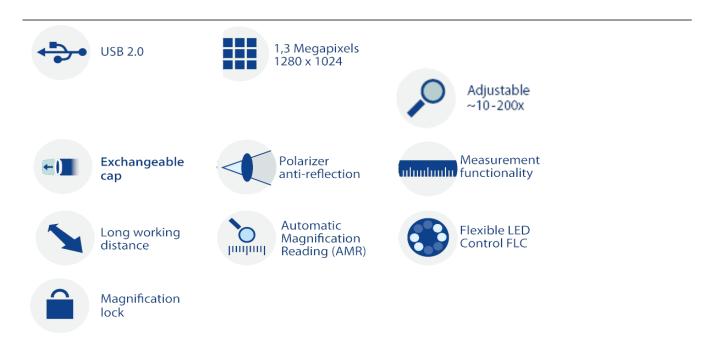
Short Description

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

Description

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.



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	Working Distance *	Field of View(x)	Field of View(y)	Depth of Field
Listed values may differ slightly	* Without front cap			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

Specification

T	•	1	, •		
	1 (τh	ıti	n	σ
_	116	51	LLI	11	۶

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	1 cs, inical		
Magnification	$10x \sim 200x$		
Macro zoom	No		
Working distance	Long		
Lens type	Glass with anti-reflection coating		
Sensor	Glass with that refrection coating		
Sensor type	CMOS		
Resolution	1.3 Megapixel (1280x1024)		
Maximum frame rate	30 fps		
Compatibility	30 1ps		
Interface	USB 2.0		
Operating system	Windows 7, 8, 10 & 11, MacOS 10.12 and up		
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac		
Software	OS)		
Supported image formats	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,		
(Windows)	PCX, MNG, WBMP, JP2, JPC, PGX		
Supported video formats	WMV, FLV, SWF		
(Windows)			
Supported image formats	JPEG, PNG		
Supported image formats (MacOS)			
Supported image formats (MacOS) Supported video formats	JPEG, PNG MOV		
Supported image formats (MacOS) Supported video formats (MacOS)	MOV		
Supported image formats (MacOS) Supported video formats	MOV DirectShow, UVC		
Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards	MOV DirectShow, UVC Wireless-ready, requires the WF-20 adapter		
Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards Wifi	MOV DirectShow, UVC		
Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards Wifi Housing	MOV DirectShow, UVC Wireless-ready, requires the WF-20 adapter (optional)		
Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards Wifi Housing Housing material	MOV DirectShow, UVC Wireless-ready, requires the WF-20 adapter		
Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards Wifi Housing	MOV DirectShow, UVC Wireless-ready, requires the WF-20 adapter (optional) Composite/ plastic housing Yes		
Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards Wifi Housing Housing material Magnification lock Dimensions	MOV DirectShow, UVC Wireless-ready, requires the WF-20 adapter (optional) Composite/ plastic housing Yes 11.4cm (L) x 3.3cm (D)		
Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards Wifi Housing Housing material Magnification lock Dimensions Weight	MOV DirectShow, UVC Wireless-ready, requires the WF-20 adapter (optional) Composite/ plastic housing Yes		
Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards Wifi Housing Housing material Magnification lock Dimensions	MOV DirectShow, UVC Wireless-ready, requires the WF-20 adapter (optional) Composite/ plastic housing Yes 11.4cm (L) x 3.3cm (D) 111g		
Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards Wifi Housing Housing material Magnification lock Dimensions Weight Cable length	MOV DirectShow, UVC Wireless-ready, requires the WF-20 adapter (optional) Composite/ plastic housing Yes 11.4cm (L) x 3.3cm (D) 111g 1.8m Automatic Magnification Reading (AMR),		
Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards Wifi Housing Housing material Magnification lock Dimensions Weight Cable length Features	MOV DirectShow, UVC Wireless-ready, requires the WF-20 adapter (optional) Composite/ plastic housing Yes 11.4cm (L) x 3.3cm (D) 111g 1.8m		

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