

AF4135ZTE



Brand:
Product Code: AF4135ZTE

Short Description

1.3 Megapixel Edge sensor
10x~330x magnification
Adjustable Polarizer
Flexible LED Control (FLC)
Extensive measurement functionality

Description

The AF4135ZTE excels with its versatile magnification range of 10x~330x, ensuring detailed exploration across various applications. This model also includes a polarizer, features FLC, and is compatible with the WF-20 Wi-Fi streamer.

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
~10-330x



Polarizer
anti-reflection



Measurement
functionality



Flexible LED
Control FLC



Magnification
lock



Standard working
distance



Exchangeable
cap

The AF4135ZTE is equipped with premium features such as Flexible LED control (FLC), integrated polarizer, extensive measurement functionality.

The main features of the AF4135ZTE are:

- Wireless-ready, requires the WF-20 adapter (optional)
- 10x~330x magnification
- 1.3 Megapixel Edge sensor
- Adjustable polarizer
- Flexible LED Control (FLC)
- 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
10	222.3	39.1	29.3	55.5
20	98.9	19.5	14.7	14.6
30	58.5	13.0	9.8	6.8
40	38.7	9.8	7.3	4.0
50	27.2	7.8	5.9	2.7
60	19.9	6.5	4.9	2.0
70	14.9	5.6	4.2	1.5
80	11.5	4.9	3.7	1.2
90	9.0	4.3	3.3	1.0
100	7.2	3.9	2.9	0.8
110	5.9	3.6	2.7	0.7
120	4.9	3.3	2.4	0.6
130	4.3	3.0	2.3	0.5
140	3.9	2.8	2.1	0.5
150	3.7	2.6	2.0	0.4
160	3.6	2.4	1.8	0.4
170	3.7	2.3	1.7	0.4
180	3.8	2.2	1.6	0.3
190	4.1	2.1	1.5	0.3
200	4.4	2.0	1.5	0.3

210	4.7	1.9	1.4	0.3
220	5.2	1.8	1.3	0.2
230	5.6	1.7	1.3	0.2
240	6.2	1.6	1.2	0.2
250	6.7	1.6	1.2	0.2
260	7.3	1.5	1.1	0.2
270	7.9	1.4	1.1	0.2
280	8.5	1.4	1.0	0.2
290	9.2	1.3	1.0	0.2
300	9.9	1.3	1.0	0.2
310	10.6	1.3	0.9	0.2
320	11.3	1.2	0.9	0.1
330	12.0	1.2	0.9	0.1

Specification

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~330x
Macro zoom	No
Working distance	Standard
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	JPEG, PNG

(MacOS)	
Supported video formats (MacOS)	MOV
Imaging standards	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-20 adapter (optional)
Housing	
Housing material	Composite/ plastic housing
Dimensions	11.4cm (L) x 3.3cm (D)
Weight	111g
Cable length	1.8m
Features	
Special feature	Flexible LED Control (FLC)
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
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