

# AF4915ZT



**Brand:**  
**Product Code:** AF4915ZT

## Short Description

1.3 Megapixel Edge sensor  
Extended Depth of Field (EDOF)  
Extended Dynamic Range (EDR)  
Flexible LED Control (FLC)  
Automatic Magnification Reading (AMR)

## Description

The Dino-Lite AF4915ZT is part of Universal series and connects to your device via USB. The AF4915ZT is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.



USB 2.0



1,3 Megapixels  
1280 x 1024



Adjustable  
~20x-220x



Magnification  
lock



Polarizer  
anti-reflection



Measurement  
functionality



Flexible LED  
Control FLC



Standard working  
distance



Automatic  
Magnification  
Reading (AMR)



Extended  
Depth Of Field  
EDOF



Extended  
Dynamic  
Range EDR



Exchangeable  
cap

The AF4915ZT is equipped with premium features such as Extended Depth of Field (EDOF), Extended Dynamic Range (EDR), Flexible LED control (FLC), integrated polarizer, extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

**The main features of the AF4915ZT are:**

- Wireless-ready, requires the WF-20 adapter (optional)
- 20x ~ 220x magnification
- 1.3 Megapixel Edge sensor
- Adjustable polarizer
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- And more...

*(\*EDOF/EDR only functions under Windows OS)*

**Working distance/ field of view/ depth of field:**

<b>MAGNIFICATION RATE</b>	<b>WORKING DISTANCE *</b>	<b>FIELD OF VIEW(X)</b>	<b>FIELD OF VIEW(Y)</b>	<b>DEPTH OF FIELD</b>
<b>20</b>	60.2	19.5	15.6	2.5
<b>30</b>	33.5	13	10.4	1.8
<b>40</b>	20.9	9.8	7.8	1.5
<b>50</b>	13.9	7.8	6.3	
<b>60</b>	9.7	6.5	5.2	
<b>70</b>	7.1	5.6	4.5	1.0
<b>80</b>	5.5	4.9	3.9	
<b>90</b>	4.5	4.3	3.5	
<b>100</b>	4.1	3.9	3.1	
<b>110</b>	4	3.6	2.8	
<b>120</b>	4.1	3.3	2.6	
<b>130</b>	4.5	3	2.4	
<b>140</b>	5	2.8	2.2	
<b>150</b>	5.6	2.6	2.1	

<b>160</b>	6.3	2.4	2	
<b>170</b>	7.1	2.3	1.8	
<b>180</b>	8	2.2	1.7	
<b>190</b>	8.9	2.1	1.6	
<b>200</b>	9.9	2	1.6	
<b>210</b>	10.9	1.9	1.5	
<b>220</b>	11.9	1.8	1.4	0.1
<b>Listed values may differ slightly</b>	<b>* Without front cap</b>			<b>Unit = mm</b>

## 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	20x ~ 220x
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 10.11.16 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)
<b>Housing</b>	
Housing material	Composite/ plastic housing
Dimensions	11.4cm (L) x 3.3cm (D)
Weight	111g
Cable length	1.8m
<b>Features</b>	
Special feature	Automatic Magnification Reading(AMR), Ext. Dynamic Range (EDR), Extended Depth of Field (EDOF), Flexible LED Control (FLC)
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
ESD safe	No
<b>Information</b>	
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	€700,00 - €800,00

## Product Gallery

