



## Dino-Lite AM4515ZTL EDGE Digital Microscope User Manual

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# Dino-Lite

AM4515ZTL – EDGE

?????: Dino-Lite

??? ???????: AM4515ZTL



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## Short Description

1.3 Megapixel resolution

Versatility due to exchangeable caps

10-140x magnification

Polarizer (anti-reflection)

Automatic Magnification Reading (AMR)

Long Working Distance

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The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. The built-in adjustable polarizer reduces glare and reflection on shiny objects.



USB 2.0



Measurement  
functionality



Continuous  
~10x - 140x



Magnification  
lock



Automatic  
Magnification  
Reading (AMR)



Polarizer  
anti-reflection



1.3 megapixel  
1280 x 1024



8 White LEDs  
switchable



Long working  
distance



Exchangeable  
cap

With the built-in Automatic Magnification Reading (AMR), measurements can be performed easily and quickly. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application. Together with the long working distance of up to 23 centimetres the AM4515ZTL is the ideal choice in situations, where real time images are vital, such as working on PCB's or other miniature objects.

## 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	234.5	39	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3	2.4	0.12
140	30.5	2.8	2.2	0.09

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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	10-140x
Macro zoom	No
Working distance	Long
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	1.3 Megapixel (1280×1024)
Maximum frame rate	30 fps
Compatibility	
Interface	USB 2.0
Operating system	Windows 7, 8, 10 & 11, MacOS 10.9 and up
Included 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-10 WiFi streamer (optional)
Housing	
Housing material	Composite/ plastic housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	105g
Cable length	1.8m
Features	

Special feature	Automatic Magnification Reading (AMR)
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- E xtension 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

Dino-Lite Europe –  
Phone: – Email:

## Documents / Resources

	<p><a href="#">Dino-Lite AM4515ZTL EDGE Digital Microscope</a> [pdf] User Manual</p> <p>AM4515ZTL EDGE Digital Microscope, AM4515ZTL, EDGE Digital Microscope, Digital Microsc ope, Microscope</p>
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References

-  [TCPDF](#)