

# AM4115TL - EDGE

**Brand:**  
**Product Code:** AM4115TL



## Short Description

1.3 Megapixel resolution  
Versatility due to exchangeable caps  
10-140x magnification  
Long working distance

## Description

The wide range of magnification (10-140x), the large field of view and working distance of up to 23 cm makes the AM4115TL the ideal solution for all situations where a longer distance between the microscope and the object is required or when it is needed to work under the microscope (repair, rework and assembly tasks etc.)



USB 2.0



Measurement  
functionality



Continuous  
~10x - 140x



Magnification  
lock



1.3 megapixel  
1280 x 1024



8 White LEDs  
switchable



Long working  
distance



Exchangeable  
cap

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

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
<b>Listed values may differ slightly</b>	<b>* With front cap</b>			<b>Unit = mm</b>

10	227	39.0	31.2	12
20	105	19.5	15.6	4.5
30	65	13.0	10.4	3.1
40	47	9.8	7.8	1.8
50	36	7.8	6.2	1.2
60	30	6.5	5.2	0.9
70	26.2	5.6	4.5	0.6
80	23.8	4.9	3.9	0.5
90	22.4	4.3	3.5	0.37
100	21.7	3.9	3.1	0.28
110	21.6	3.5	2.8	0.22
120	21.8	3.3	2.6	0.17
130	22.3	3.0	2.4	0.12
140	23	2.8	2.2	0.09

**Specification**

<b>Lighting</b>	
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	No
<b>Optics</b>	
Magnification	10x ~ 140x
Macro zoom	No
Working distance	Long
Lens type	Glass with anti-reflection coating
<b>Sensor</b>	
Sensor type	CMOS
Resolution	1.3 Megapixel (1280x1024)
Maximum frame rate	30 fps
<b>Compatibility</b>	
Interface	USB 2.0

Operating system	Windows 7, 8, 10 & 11, MacOS 10.9 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-10 WiFi streamer (optional)
<b>Housing</b>	
Housing material	Composite/ plastic housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	105g
Cable length	1.8m
<b>Features</b>	
Special feature	No
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	€500,00 - €700,00

## Product Gallery

