

# AM4113TL



**Brand:**  
**Product Code:** AM4113TL

## Short Description

1.3 Megapixel resolution  
With magnification lock  
10x ~ 90x magnification  
Long working distance

## Description

The AM4113TL is a special model with long working distance up to 15 cm at 20x magnification and around 4cm at 90x magnification. The extra working distance makes the TL series an ideal solution for tasks where you need more working distance to the object, for example repair, rework or assembly tasks.



USB 2.0



Measurement  
functionality



Continuous  
~10-90x



Magnification  
lock



1,3 Megapixels  
1280 x 1024



8 White LEDs  
switchable



Long working  
distance

## Working distance/field of view/depth of field

<b>MAGNIFICATION</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>	151.0	19.6	15.6	
<b>30</b>	101.0	13.0	10.4	3.4
<b>40</b>	77.2	9.8	7.8	2.2
<b>50</b>	64.1	7.8	6.3	1.65
<b>60</b>	56.2	6.5	5.2	.
<b>70</b>	51.3	5.6	4.5	.
<b>80</b>	48.3	4.9	3.9	.
<b>90</b>	46.6	4.3	3.5	0.8

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Listed values  
may differ  
slightly

Unit = mm

## Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Infrared filter	IR cut-filter >650 nm
Diffuser available	No
Emission filter	No
Polarizer	No
Optics	
Magnification	10x ~ 90x
Macro zoom	No
Working distance	Long
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 10.9 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
<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
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€350,00 - €500,00