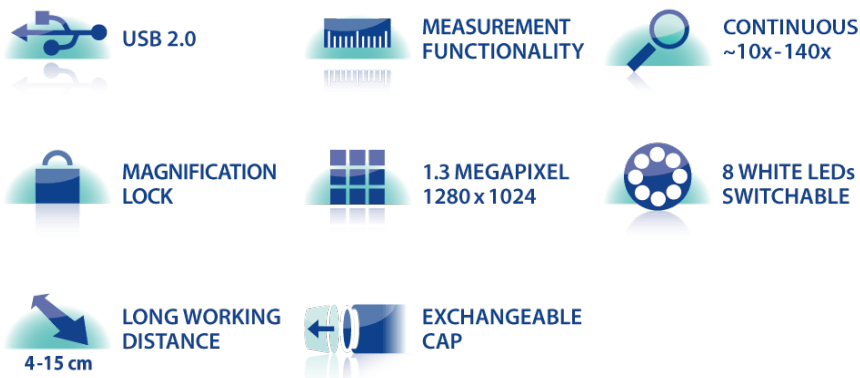


# AM4115TL - Edge



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.)



## Additional Info

- Dino-Lite Range: Dino-Lite Long Working Distance
- Resolution: Medium (800x600 - 1.3 Megapixel)
- Magnification: Low/medium (10x-140x)
- Interface: USB 2.0
- Working Distance: Long
- Price Range (excl. VAT): €350,00 - €550,00
- Light/ LED type: White
- ESD Safe: No
- Polarizer: No
- Housing: Composite/plastic housing

- Special feature: No
- Dino-Lite Range: Dino-Lite Long Working Distance
- 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
- Magnification: 10-140x
- Macro zoom: No
- Working Distance: Long
- Resolution: 1.3 Megapixel (1280x1024)
- Maximum Frame rate: 30 fps
- Interface: USB 2.0
- Housing material: Composite/ plastic housing
- Magnification lock: Yes
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: No
- Special feature: No
- 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
- Price Range: €350,00 - €550,00

#### • **Details**

- Dino-Lite range: Dino-Lite Long Working Distance

#### • **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: No

#### • **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 (1280x1024)
- Maximum frame rate: 30 fps

- **Compatibility**

- Interface: USB 2.0
- Operating system: Windows XP, Vista, 7, 8 & 10, 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

- **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: No
- 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-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
- Warranty information: 2 years European warranty
- Regulatory approval: CE, FCC, ROHS
- Price range: €350,00 - €550,00
- 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>
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
<b>Listed values may differ slightly</b>	<b>* With front cap</b>			<b>Unit = mm</b>

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