

# AM4113TL



**Marca:** Dino-Lite

**Codice del prodotto:** AM4113TL

## Short Description

1.3 Megapixel resolution

With magnification lock

10-90x magnification

Long working distance

## Descrizione

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 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>                 | 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

**Specifiche**

| 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                     | 10-90x                                                                |
| 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                              |
| 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                                                                  |
| 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 |
| Warranty information            | 2 years European warranty                                             |
| Regulatory approval             | CE, FCC, ROHS                                                         |
| Price range                     | €350,00 - €500,00                                                     |