

# AM4113TL-M40



**Brand:** Dino-Lite

**Product Code:** AM4113TL-M40

## Short Description

1.3 Megapixel resolution

With magnification lock

5-40x magnification

Long working distance

Great choice for generic applications

## Description

The AM4113TL-M40 is a special version of the long working distance series with a lower magnification rate of between 5 and 40 times.



USB 2.0



Measurement  
functionality



Adjustable  
~5 -40x



Magnification  
lock



1,3 Megapixels  
1280 x 1024



8 White LEDs  
switchable



Long working  
distance

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

| MAGNIFICATION RATE | WORKING DISTANCE | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|--------------------|------------------|------------------|------------------|----------------|
| 10                 | 155              | 38.8             | 31               | 16             |
| 20                 | 73               | 19.5             | 15.6             | 5              |
| 30                 | 50               | 13               | 10.4             | 3              |
| 40                 | 40               | 9.8              | 7.8              | 2.5            |

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                     | 5-40x                                                                 |
| 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                                                                  |
| 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 |
| Warranty information            | 2 years European warranty                                             |
| Regulatory approval             | CE, FCC, ROHS                                                         |
| Price range                     | €400,00 - €600,00                                                     |