# AM4113TL

**Marque:**
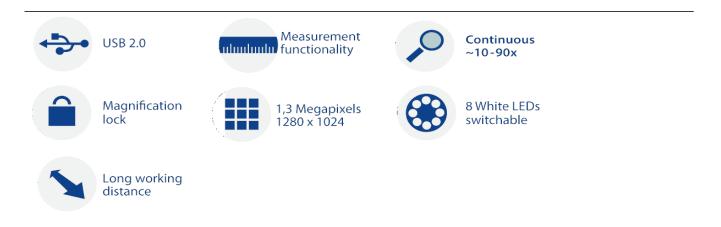**Code produit:** AM4113TL

## Courte 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**

| MAGNIFICATION RATE | WORKING DISTANCE | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|---|---|---|---|---|
| 20 | 151.0 | 19.6 | 15.6 | 6 |
| 30 | 101.0 | 13.0 | 10.4 | 3.4 |
| 40 | 77.2 | 9.8 | 7.8 | 2.2 |
| 50 | 64.1 | 7.8 | 6.3 | 1.65 |
| 60 | 56.2 | 6.5 | 5.2 | . |
| 70 | 51.3 | 5.6 | 4.5 | . |
| 80 | 48.3 | 4.9 | 3.9 | . |
| 90 | 46.6 | 4.3 | 3.5 | 0.8 |

**Listed values may differ slightly**

Unit = mm

**Spécification**

| 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) |
| **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 |