

# AM4113T



**Brand:**

**Product Code:** AM4113T

## Short Description

1.3 Megapixel resolution

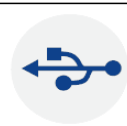
With magnification lock

20-50x & 200x Magnification

Great choice for generic applications

## Description

The Dino-Lite AM4113T is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification.



USB 2.0



Measurement  
functionality



Adjustable  
~20-50x & 200x



Magnification  
lock



1,3 Megapixels  
1280 x 1024



8 White LEDs  
switchable



Standard working  
distance

It is equipped with a high quality 1.3 Megapixels sensor with a crystal clear image quality and natural color reproduction, enabling you to view and capture objects with the greatest level of detail. This model comes with the DinoCapture 2.0 software for Windows and

DinoXcope software for MacOS, allowing you to do calibrated measurements on pictures taken with the Dino-Lite. The AM4113T is the most popular choice for quality inspection in industrial environments, education, office, or in the laboratory.

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

| MAGNIFICATION RATE | WORKING DISTANCE | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|--------------------|------------------|------------------|------------------|----------------|
| 20                 | 48.7             | 19.6             | 15.6             | 3.6            |
| 30                 | 21.7             | 13.0             | 10.4             | 1.9            |
| 40                 | 9.0              | 9.8              | 7.8              |                |
| 50                 | 1.9              | 7.8              | 6.3              | 0.88           |
| 60                 | -2.3             | 6.5              | 5.2              |                |
| 220                | -0.1             | 1.8              | 1.4              | 0.2            |
| 230                | 1.0              | 1.7              | 1.4              |                |
| 240                | 2.1              | 1.6              | 1.3              |                |

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          | 20x ~ 50x, 200x                           |
| Macro zoom             | No                                        |
| Working distance       | Standard                                  |
| 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                                                                  |
| Cable length                      | 1.8m                                                                  |
| <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                       | €300,00 - €450,00                                                     |

## Product Gallery

