

# AM4013MZT



**Brand:**

**Product Code:** AM4013MZT

## Short Description

1.3 Megapixel resolution

Robust metal housing

10-70x & 200x Magnification

Polarizer (anti-reflection)

## Description

The Dino-Lite AM4013TMZT 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  
~10-70x & 200x



1,3 Megapixels  
1280 x 1024



8 White LEDs  
switchable



Metal  
housing



Standard working  
distance



Polarizer  
anti-reflection

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 aluminum housing offers enhanced protection and durability and has the best look and feel. The built-in adjustable polarizer reduces glare and reflection on shiny objects.

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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   |
|------------------------------------------|------------------|------------------|------------------|------------------|
| <b>Listed values may differ slightly</b> |                  |                  |                  | <b>Unit = mm</b> |
| 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              | 0.20             |
| 230                                      | 1.0              | 1.7              | 1.4              | -                |
| 240                                      | 2.1              | 1.6              | 1.3              | -                |

### 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              | Yes, linear                        |
| Optics                 |                                    |
| Magnification          | 10x ~ 70x, 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                                                                                      |
| <b>Compatibility</b>              |                                                                                             |
| Interface                         | USB 2.0                                                                                     |
| Operating system                  | Windows 7,8,10 & 11, MacOS 10.9 and up                                                      |
| Software                          | DinoCapture 2.0 (Windows), DinoXscope (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                  | Metal housing                                                                               |
| Magnification lock                | No                                                                                          |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)                                                                      |
| Weight                            | 140g                                                                                        |
| Cable length                      | 1.8m                                                                                        |
| <b>Features</b>                   |                                                                                             |
| Special feature                   | No                                                                                          |
| Measurement                       | Yes                                                                                         |
| Calibration                       | Yes                                                                                         |
| Microtouch sensor                 | Yes                                                                                         |
| ESD safe                          | Yes                                                                                         |
| <b>Information</b>                |                                                                                             |
| Package contents                  | Microscope, Carry pouch, software CD, calibration target, ZT-Z-CC1 Cap closure, user manual |
| Warranty information              | 2 years European warranty                                                                   |
| Regulatory approval               | CE, FCC, ROHS                                                                               |
| Price range                       | €500,00 - €700,00                                                                           |

## Product Gallery