

# AM4013MZT



**Merk:**

**Productcode:** AM4013MZT

## **Korte omschrijving**

1.3 Megapixel resolution

Robust metal housing

10-70x & 200x Magnification

Polarizer (anti-reflection)

## **Omschrijving**

The Dino-Lite AM4013TMZT is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification.

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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.

### 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              | -                |

### Specificatie

| Verlichting                |                                    |
|----------------------------|------------------------------------|
| Licht / LED-type           | White                              |
| Aantal leds                | 8                                  |
| LED aan / uit schakelbaar: | Yes                                |
| Infrarood filter           | IR cut-filter >650 nm              |
| Diffusor beschikbaar       | No                                 |
| Emissiefilter              | No                                 |
| Polarisator                | Yes, linear                        |
| Optiek                     |                                    |
| Magnification              | 10x ~ 70x, 200x                    |
| Macro zoom                 | No                                 |
| Werkafstand                | Standard                           |
| Type lens                  | Glass with anti-reflection coating |

| Sensor                               |                                                                                             |
|--------------------------------------|---------------------------------------------------------------------------------------------|
| Sensortype                           | CMOS                                                                                        |
| Resolutie                            | 1.3 Megapixel (1280x1024)                                                                   |
| Maximale framesnelheid               | 30 fps                                                                                      |
| Compatibiliteit                      |                                                                                             |
| Interface                            | USB 2.0                                                                                     |
| Besturingssysteem                    | Windows 7,8,10 & 11, MacOS 10.9 and up                                                      |
| Software                             | DinoCapture 2.0 (Windows), DinoXcope (Mac OS)                                               |
| Ondersteunde beeldformaten (Windows) | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX                       |
| Ondersteunde videoformaten (Windows) | WMV, FLV, SWF                                                                               |
| Ondersteunde beeldformaten (MacOS)   | JPEG, PNG                                                                                   |
| Ondersteunde videoformaten (MacOS)   | MOV                                                                                         |
| Beeldvormingsnormen                  | DirectShow, UVC                                                                             |
| Wifi                                 | Wireless-ready, requires the WF-10 WiFi streamer (optional)                                 |
| Behuizing                            |                                                                                             |
| Materiaal van de behuizing           | Metal housing                                                                               |
| Vergrotingsslot                      | No                                                                                          |
| Afmetingen                           | 10.5cm (L) x 3.2cm (D)                                                                      |
| Gewicht                              | 140g                                                                                        |
| Kabellengte                          | 1.8m                                                                                        |
| Kenmerken                            |                                                                                             |
| Bijzonderheid                        | No                                                                                          |
| Meting                               | Yes                                                                                         |
| Kalibratie                           | Yes                                                                                         |
| Microtouch-sensor                    | Yes                                                                                         |
| ESD veilig                           | Yes                                                                                         |
| Informatie                           |                                                                                             |
| Inhoud van de verpakking             | Microscope, Carry pouch, software CD, calibration target, ZT-Z-CC1 Cap closure, user manual |
| Garantie-informatie                  | 2 years European warranty                                                                   |
| Regelgevende goedkeuring             | CE, FCC, ROHS                                                                               |
| Prijsklasse                          | €500,00 - €700,00                                                                           |

## Product galerij