

# AM4013MZT4

**Brand:**

**Product Code:** AM4013MZT4



## Short Description

1.3 Megapixel resolution  
Robust metal housing  
400x ~ 470x magnification  
Polarizer (anti-reflection)

## Description

The AM4013MZT4 with a high magnification of 400x ~ 470x reveals even the smallest details on all kinds of objects. The built-in, switchable polarizer makes the AM4013MZT4 the right choice for working with high glare materials such as jewelry, plastics and metals. The aluminum housing offers enhanced protection and durability and has the best look and feel.



USB 2.0



Measurement  
functionality



Adjustable  
~400x-470x



1,3 Megapixels  
1280 x 1024



8 White LEDs  
switchable



Metal  
housing



Standard working distance



Polarizer anti-reflection

## 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> |
| 430                                      | -0.45            | 0.91             | 0.73             | 0.1              |
| 440                                      | 0.4              | 0.89             | 0.71             | 0.1              |
| 450                                      | 1.35             | 0.87             | 0.7              | 0.1              |
| 460                                      | 2.3              | 0.85             | 0.68             | 0.1              |
| 470                                      | 3.15             | 0.83             | 0.67             | 0.1              |

## Specification

|                        |  |
|------------------------|--|
| <b>Lighting</b>        |  |
| 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                            |
| <b>Optics</b>          |  |
| Magnification          | 400x ~ 470x                            |
| Macro zoom             | No                                     |
| Working distance       | Standard                               |
| Lens type              | Glass with anti-reflection coating     |
| <b>Sensor</b>          |  |
| 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), 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                  | Metal housing   |
| Magnification lock                | No  |
| 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                          | 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                       | €600,00 - €800,00   |

## Product Gallery