

# AM4113ZT4



**Brand:**

**Product Code:** AM4113ZT4

## Short Description

1.3 Megapixel resolution

With magnification lock

400-470x magnification

Polarizer (anti-reflection)

## Description

The AM4113ZT4 with a high magnification of 400~470x reveals even the smallest details on all kinds of objects. The built-in, switchable polarizer makes the AM4113ZT4 the right choice for working with high glare materials such as jewelry, plastics and metals.



USB 2.0



Measurement  
functionality



Adjustable  
~400x -470x



Magnification  
lock



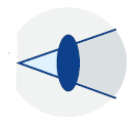
1,3 Megapixels  
1280 x 1024



8 White LEDs  
switchable



Standard working  
distance



Polarizer  
anti-reflection

**Working distance/field of view/depth of field**

| <b>MAGNIFICATION RATE</b> | <b>WORKING DISTANCE</b> | <b>FIELD OF VIEW(X)</b> | <b>FIELD OF VIEW(Y)</b> | <b>DEPTH OF FIELD</b> |
|---------------------------|-------------------------|-------------------------|-------------------------|-----------------------|
| <b>430</b>                | -0.45                   | 0.91                    | 0.73                    | 0.1                   |
| <b>440</b>                | 0.4                     | 0.89                    | 0.71                    | 0.1                   |
| <b>450</b>                | 1.35                    | 0.87                    | 0.7                     | 0.1                   |
| <b>460</b>                | 2.3                     | 0.85                    | 0.68                    | 0.1                   |
| <b>470</b>                | 3.15                    | 0.83                    | 0.67                    | 0.1                   |

**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                         | Yes, linear                                                           |
| Optics                            |                                                                       |
| Magnification                     | 430-470x                                                              |
| 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           | MOV                                                                   |

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| (MacOS)              |                                                                                             |
| 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               | 100g                                                                                        |
| Cable length         | 1.8m                                                                                        |
| Features             |                                                                                             |
| Special feature      | No                                                                                          |
| Measurement          | Yes                                                                                         |
| Calibration          | Yes                                                                                         |
| Microtouch sensor    | Yes                                                                                         |
| ESD safe             | No                                                                                          |
| Information          |                                                                                             |
| 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          | €400,00 - €600,00                                                                           |