

AM4113ZT4



Brand:

Product Code: AM4113ZT4

Short Description

1.3 Megapixel resolution

With magnification lock

430x ~ 470x magnification

Polarizer (anti-reflection)

Description

The AM4113ZT4 with a high magnification of 430x ~ 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

| MAGNIFICATION RATE | WORKING DISTANCE | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|---------------------------|-------------------------|-------------------------|-------------------------|-----------------------|
| 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 |

**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 | 430x ~ 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 |