

# 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



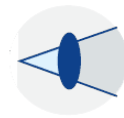
1,3 Megapixels  
1280 x 1024



8 White LEDs  
switchable



Standard working  
distance



Polarizer  
anti-reflection

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

<b>MAGNIFICATION</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**

<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	430x ~ 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	MOV

(MacOS)	
Imaging standards	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
<b>Housing</b>	
Housing material	Composite/ plastic housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	100g
Cable length	1.8m
<b>Features</b>	
Special feature	No
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
ESD safe	No
<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	€400,00 - €600,00