

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

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	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