

# AM4113ZT



**Brand:**  
**Product Code:** AM4113ZT

## Short Description

1.3 Megapixel resolution  
With magnification lock  
10-70x & 200x Magnification  
Polarizer (anti-reflection)

## Description

The Dino-Lite AM4113ZT is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification.



USB 2.0



Measurement  
functionality



Adjustable  
~10-70x & 200x



1,3 Megapixels  
1280 x 1024



8 White LEDs  
switchable



Magnification  
lock



Standard working  
distance



Polarizer  
anti-reflection

It is equipped with a high quality 1.3 Megapixels sensor with a crystal clear image quality and natural color reproduction, enabling you to view and capture objects with the greatest level of detail. This model comes with the DinoCapture 2.0 software for Windows and

DinoXcope software for MacOS, allowing you to do calibrated measurements on pictures taken with the Dino-Lite. The built-in adjustable polarizer reduces glare and reflection on shiny objects.

#### 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>20</b>	48.7	19.6	15.6	3.6
<b>30</b>	21.7	13.0	10.4	1.9
<b>40</b>	9.0	9.8	7.8	
<b>50</b>	1.9	7.8	6.3	0.88
<b>60</b>	-2.3	6.5	5.2	
<b>220</b>	-0.1	1.8	1.4	0.2
<b>230</b>	1.0	1.7	1.4	
<b>240</b>	2.1	1.6	1.3	

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	10x ~ 70x, 200x
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 (MacOS)	MOV
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	105g
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