Dino-Lite Europe - Phone: - Email:

# AM4013MZT



**Brand:** 

**Product Code:** AM4013MZT

## **Short Description**

1.3 Megapixel resolutionRobust metal housing10-70x & 200x MagnificationPolarizer (anti-reflection)

# **Description**

The Dino-Lite AM4013TMZT is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification.

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 aluminum housing offers enhanced protection and durability and has the best look and feel. The built-in adjustable polarizer reduces glare and reflection on shiny objects.

#### Working distance/field of view/depth of field

MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE	VIEW(X)	VIEW(Y)	FIELD
<b>Listed values</b>				Unit = mm
may differ				
slightly				
20	48.7	19.6	15.6	3.6
30	21.7	13.0	10.4	1.9
40	9.0	9.8	7.8	-
50	1.9	7.8	6.3	0.88
60	-2.3	6.5	5.2	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.4	-
240	2.1	1.6	1.3	-

## **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	$10x \sim 70x, 200x$		
Macro zoom	No		
Working distance	Standard		
Lens type	Glass with anti-reflection coating		

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) PCX, MNG, WBMP, JP2, JPC, PGX Supported video formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing Magnification lock No Dimensions 10.5cm (L) x 3.2cm (D) Weight 140g Cable length 1.8m Features Special feature No Measurement Yes Calibration Yes Microtouch sensor Yes ESD safe Yes 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	Sensor				
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 (MacOS)  Supported image formats (Windows)  Supported video formats (Windows)  Supported video formats (MacOS)  Supported image formats (MacOS)  Supported video formats (MacOS)  Imaging standards DirectShow, UVC  Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional)  Housing  Housing material Metal housing  Magnification lock No  Dimensions 10.5cm (L) x 3.2cm (D)  Weight 140g  Cable length 1.8m  Features  Special feature No  Measurement Yes  Calibration Yes  Microtouch sensor Yes  ESD safe Yes  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		CMOS			
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