

# AD7013MTL

**Brand:** Dino-Lite  
**Product Code:** AD7013MTL



## Short Description

5 Megapixel resolution  
Long working distance  
20-90x magnification  
Robust metal housing  
Exchangeable caps

## Description

The Dino-Lite AD7013MTL has a 5 megapixel sensor for crystal clear images, even under higher magnification. Because of the very high resolution, the AD7013MTL is the ideal solution for displaying microscopic images on large screens or using the microscopic images for printing.



USB 2.0



Measurement  
functionality



Continuous  
~20x-90x



5 megapixel  
2592 x 1944



8 White LEDs  
switchable



Metal  
housing



Long working  
distance



Exchangeable  
cap

The AD series are equipped with exchangeable caps for even more flexibility. The long working distance of up to 15 cm enables the possibility to work under the microscope.

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

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
<b>Listed values may differ slightly</b>				<b>Unit = mm</b>
20	160.5	19.8	14.9	6
30	110.4	13.2	9.9	3.4
40	86.7	9.9	7.4	2.2
50	73.6	7.9	5.9	1.65
60	65.7	6.6	5.0	-
70	60.8	5.7	4.2	-
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8

### 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	No
Optics	
Magnification	20-90x
Macro zoom	No
Working distance	Long
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	5 Megapixel (2592x1944)
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 (max. 1.3MP)
Imaging standards	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
<b>Housing</b>	
Housing material	Metal housing
Magnification lock	No
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	140g
Cable length	1.8m
<b>Features</b>	
Special feature	No
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
ESD safe	Yes
<b>Information</b>	
Package contents	Microscope, carry pouch, open and closed cap, software CD, calibration target, user manual
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€600,00 - €800,00

## Product Gallery

