

AM4113T5



Product Code: AM4113T5

Short Description

1.3 Megapixel resolution

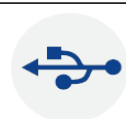
With magnification lock

500x ~ 560x Magnification

For high magnification applications

Description

The AM4113T5 with a high magnification of 500x reveals even the smallest details on all kinds of objects. This model also provides the possibility to calibrate the microscope for measurements.



USB 2.0



Measurement
functionality



Adjustable
~500-560x



Magnification
lock



1,3 Megapixels
1280 x 1024



8 White LEDs
switchable



Standard working
distance

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ slightly				Unit = mm
500x	1.7	0.78	0.59	0.04
510x	2.5	0.77	0.57	0.04
520x	3.3	0.75	0.56	0.04
530x	4.2	0.74	0.55	0.04
540x	5.0	0.72	0.54	0.04
550x	5.8	0.71	0.53	0.04
560x	6.6	0.70	0.52	0.04

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	500x ~ 560x
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
Housing	
Housing material	Composite/ plastic housing
Dimensions	103 mm (H) x 32 mm (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, user manual
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€350,00 - €500,00

Product Gallery

