

AM4517MT-FUW

Product Code: AM4517MT-G2FBW



Short Description

1.3 Megapixel

UV Light

High sensitivity sensor

Adjustable LED intensity

Automatic Magnification Readout (AMR)

Description

Equipped with a 375 nm UV light and a switchable white light, the EdgePLUS AM4517MT-FUW high-sensitivity digital microscope enhances UV features in paintings, trace evidence, and security print documents.



Adjustable
~10-220x



USB 2.0



Measurement
functionality



Metal
housing



Magnification
lock



Fluorescent
LEDs



Automatic
Magnification
Reading (AMR)



1,3 Megapixels
1280 x 960



Long working
distance

The main features of the AM4517MT-FUW are:

- High Quality Optics
- High Sensitivity Sensor
- Dual Light Source
- Adjustable LED Intensity
- Automatic Magnification Reading (AMR)
- Robust Metallic Housing
- Scroll Lock

Optical Data Table

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ slightly	* Without front cap			Unit = mm
20	59.8	19.53	14.65	7.05
30	33.1	13.02	9.77	3.36
40	20.5	9.77	7.32	2.02
50	13.4	7.81	5.86	1.38
60	9.2	6.51	4.88	1.01
70	6.7	5.58	4.19	0.79
80	5.1	4.88	3.66	0.64
90	4.1	4.34	3.26	0.53
100	3.7	3.91	2.93	0.45
110	3.6	3.55	2.66	0.39
120	3.7	3.26	2.44	0.34
130	4.1	3.01	2.25	0.3
140	4.5	2.79	2.09	0.27
150	5.2	2.6	1.95	0.25
160	5.9	2.44	1.83	0.22
170	6.7	2.3	1.72	0.21
180	7.5	2.17	1.63	0.19
190	8.5	2.06	1.54	0.18
200	9.4	1.95	1.46	0.16
210	10.5	1.86	1.4	0.15
220	11.5	1.78	1.33	0.14

Specification

Lighting	
Light/ LED type	UV Light (375 nm)
Number of LEDs	4 LEDs White Light, 4 LEDs UV Light
LED on/off switchable:	Yes
Infrared filter	No
Diffuser available	No
Polarizer	No
Fluorophores	GFP, FITC, and YFP
Optics	
Magnification	10x ~ 220x
Working distance	Standard
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	1.3 Megapixel (1280x960)
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
Housing	
Housing material	Metal housing
Magnification lock	Yes
Dimensions	104 mm (H) x 32 mm (D)
Weight	92g
Cable length	1.8m
Features	
Special feature	Automatic Magnification Readout (AMR)
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
Information	

Package contents	Microscope, carry pouch, calibration target, user manual, N3C-C (Close Cap) N3C-EB (Extended Open Black Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap)
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€900,00 - €1200,00