

AM8517MT-FV



Brand:
Product Code: AM8517MT-FV

Short Description

8.0 Megapixel
High Sensitivity Sensor
Adjustable LED Intensity
Automatic Magnification Readout (AMR)
Robust Metal Housing

Description

Designed for UV microscopy, the edge^{plus} AM8517MT-FV is an 8-megapixel microscope featuring 395 nm LEDs. It offers exceptional image clarity and detail thanks to its enhanced sensitivity sensor and 32 levels of light intensity control. AM8517MT-FV features AMR to simplify measurements and is perfect for industrial inspections, forensic analysis, counterfeit detection, and other applications that require UV light.



Metal
housing



Adjustable
~20x-220x



8,0 Megapixels
3840 x 2160



UV-LEDs
390~400nm



Measurement
functionality



8 White LEDs
switchable



Automatic
Magnification
Reading (AMR)



Long working
distance

Working distance/field of view/depth of field

M	WD	FOV (x)	FOV (y)	DOF
20	57.5	30.35	17.07	6.60
30	31.8	20.23	11.38	3.16
40	19.7	15.17	8.53	1.90
50	13.0	12.14	6.83	1.30
60	9.0	10.11	5.69	0.96
70	6.6	8.67	4.88	0.74
80	5.2	7.59	4.27	0.60
90	4.4	6.74	3.79	0.50
100	4.0	6.07	3.41	0.42
110	4.0	5.52	3.10	0.37
120	4.3	5.06	2.85	0.32
130	4.7	4.67	2.63	0.29
140	5.3	4.34	2.44	0.26
150	6.0	4.05	2.28	0.23
160	6.8	3.79	2.13	0.21
170	7.6	3.57	2.01	0.20
180	8.6	3.37	1.90	0.18
190	9.6	3.20	1.80	0.17
200	10.6	3.03	1.71	0.16
210	11.7	2.89	1.63	0.15
220	12.8	2.76	1.55	0.14

Specification

Lighting	
Light/ LED type	UV Light (395 nm)
Optics	
Magnification	20x ~ 220x
Sensor	
Resolution	8.0 Megapixel (3840 x 2160)
Maximum frame rate	10 fps at 8.0 MP, MJPEG 25 fps at 2,0 MP, MJPEG
Compatibility	
Interface	USB 2.0
Operating system	Windows 10/11 macOS 10.14 or later
Housing	

Magnification lock	Yes
Dimensions	130 mm (H) x 32 mm (D)
Weight	Approx. 117 g
Cable length	Approx. 1.8 m
Features	
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
Information	
Package contents	Microscope, Carry pouch, calibration target, user manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- diffuser cap, N3C-E- extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€1100,00 - €1300,00