

AM8917MT8A

Product Code: AM8917MT8A

Short Description

8.0 Megapixel

Enhanced Flexible LED Control (eFLC, with coaxial light)

Depth Acquisition (DPQ)

Extended Depth of Field (EDOF)

Automatic Magnification Readout (AMR)

Description

Equipped with coaxial light, EDOF, and many other sophisticated features, AM8917MT8A is an 800x microscope ideal for viewing reflective surfaces and delivering all-in-focus images. The AM8917MT8A includes DPQ, EDR, AMR, and Auto and Manual Refocusing.

Working distance/field of view/depth of field

M	WD	FOV (x)	FOV (y)	DOF
700	5.8	0.87	0.49	0.01
750	5.7	0.81	0.46	0.01
800	5.6	0.76	0.43	0.01
850	5.6	0.71	0.40	0.01
900	5.5	0.68	0.38	0.01

Specification

Lighting	
Light/ LED type	White LED
Optics	
Magnification	700x ~ 900x
Sensor	
Resolution	8.0 Megapixel (3840x2160)
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

Supported image formats (Windows)	DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM
Supported video formats (Windows)	DinoCapture 2.0: WMV, FLV, SWF
Supported image formats (MacOS)	DinoXscope: PNG, JPEG
Supported video formats (MacOS)	DinoXscope: MOV
Housing	
Magnification lock	Yes
Dimensions	133 mm (H) x 32 mm (D)
Weight	Approx. 124 g
Cable length	Approx. 1.8 m
Features	
Special feature	EDOF, EDR, DPQ, and Auto/Manual Refocus are available on Windows PC only.
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