

AM8917MT8

**Brand:****Product Code:** AM8917MT8

Short Description

8.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Depth Acquisition (DPQ)

Extended Depth of Field (EDOF)

Automatic Magnification Readout (AMR)

Description

Introducing EDOF on AM8917MT8 for generating images with an extended depth of field, this 8-megapixel 700x ~ 900x digital microscope provides a clear imaging experience and is equipped with a range of tools for professional use such as DPQ, refocus mode, AMR, and eFLC.

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 LEDs
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)	DinoXcope: PNG, JPEG
Supported video formats (MacOS)	DinoXcope: MOV
Housing	
Magnification lock	Yes
Dimensions	133 mm (H) x 32 mm (D)
Weight	Approx. 120 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