

# AM8917MT8A

**Brand:**

**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)	DinoXcope: PNG, JPEG
Supported video formats (MacOS)	DinoXcope: MOV
<b>Housing</b>	
Magnification lock	Yes
Dimensions	133 mm (H) x 32 mm (D)
Weight	Approx. 124 g
Cable length	Approx. 1.8 m
<b>Features</b>	
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
<b>Information</b>	
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