Dino-Lite Europe - Phone: - Email:

AM8917MT8A

Codice del prodotto: 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)

Descrizione

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

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Lighting				
Light/ LED type	White LED			
Optics				
Magnification	$700x \sim 900x$			
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. 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		