AM73915MT8 Dino-Lite Edge 3.0

Brand: Dino-Lite
Product Code: AM73915MT8

Short Description

At high magnifications, the thickness or roughness of targets may pose difficulties in focusing due to the small depth-of-field of microscopes. The Edge 3.0 AM73915MT8 800x provides EDOF to generate focus-stacked images. AM73915MT8 offers DPQ, EDOF, eFLC, AMR, EDR, a click-to-focus functionality for automatically changing focus to the point of interest, and smooth live imaging with a resolution of 5.0 MP at 15 fps or 1.3 MP at 45 fps.

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Note: EDOF, EDR, and DPQ are available on Windows PC only.

Extended Depth Of Field EDOF

Extended Dynamic Range EDR

Automatic Magnification Reading (AMR)

Magnification lock

5,0 Megapixels
2560 x 1920

Exchangeable cap

Metal housing

Depth acquisition (DPQ)

Enhanced Flexible LED control
eFLC

Adjustable ~700-900x

The main features of the AM73915MT8 are:

• 5 Megapixels
• Extended Depth of Field (EDOF)
• Extended Dynamic Range (EDR)
• Automatic Magnification Reading (AMR)
• Enhanced Flexible LED Control (eFLC)
• 700x-900x magnification
• And more...

(*EDOF/EDR only functions under Windows OS)

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
700	5.82	0.558	0.419	0.00985
750	5.74	0.521	0.391	0.00973
800	5.68	0.488	0.366	0.00956
850	5.62	0.460	0.345	0.00937
900	5.57	0.434	0.326	0.00915
Listed values may differ slightly	*** Without front cap**			**Unit = mm**

Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
Optics	
Magnification	700x ~ 900x

Sensor	
Sensor type	CMOS
Resolution	5 Megapixel (2560 x 1920)
Maximum frame rate	15 fps at 5.0 MP, YUY2 (USB 3.0) 45 fps at 1.3 MP, YUY2 (USB 3.0) 15 fps at 1.3 MP, YUY2 (USB 2.0)
Compatibility	
Interface	USB 3.0
Operating system	Windows 7/8/10/11 macOS 10.14 or later
Operating system	Windows 7, 8, 10 & 11, MacOS 10.12 and up
Included software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows)	BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM
Supported video formats (Windows)	WMV, FLV, SWF
Supported image formats (MacOS)	PNG, JPEG
Supported video formats (MacOS)	MOV
Housing	
Housing material	Metal housing
Dimensions	11.9 cm (H) x 3.3 cm (D)
Weight	110 g
Features	
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
Information	
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€1400,00 - €1700,00