Dino-Lite Europe - Phone: - Email:

AM73915MT8



Short Description

5.0 Megapixels
Extended Depth of Field (EDOF)
Depth Acquisition (DPQ)
Enhanced Flexible LED Control (eFLC)
Extended Dynamic Range (EDR)
Automatic Magnification Reading (AMR)

Beschreibung

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.

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













Exchangeable cap



Metal housing



Depth acquisition (DPQ)





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)

Optical Data Table

MAGNIFICAT	I WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE *	VIEW(X)	VIEW(Y)	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 ma	ay differ slightly	* Without front		Unit = mm

Spezifikation

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Lighting		
Light/ LED type	White	
Number of LEDs	8	
Optics		
Magnification	$700x \sim 900x$	

cap

Sensor					
Sensor type	CMOS				
Resolution	5.0 Megapixel (2560x1920)				
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, Cable included**				
Operating system	Windows 7/8/10/11 macOS 10.14 or later				
Operating system	Windows 7, 8, 10 & 11, MacOS 10.12 and up				
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)				
Supported image formats	BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP,				
(Windows)	JP2, JPC, JPG, PGX, RAS, PNM				
Supported video formats	WMV, FLV, SWF				
(Windows)					
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	Information				
Warranty information	2 years European warranty				
Regulatory approval	CE, FCC, ROHS				
Price range	€1400,00 - €1700,00				