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)

## **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.

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













Exchangeable cap



Metal housing







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)

# **Optical Data Table**

<b>MAGNIFICATI WORKING</b>		FIELD OF	FIELD OF	<b>DEPTH OF</b>
ON RATE	<b>DISTANCE</b> *	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 may differ slightly		* Without from	nt	Unit = mm

cap

## **Specification**

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

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				
Warranty information	2 years European warranty			
Regulatory approval	CE, FCC, ROHS			
Price range	€1400,00 - €1700,00			