

AM73915MT8



Merk: Dino-Lite

Productcode: AM73915MT8

Korte omschrijving

5.0 Megapixels

Extended Depth of Field (EDOF)

Depth Acquisition (DPQ)

Enhanced Flexible LED Control (eFLC)

Extended Dynamic Range (EDR)

Automatic Magnification Reading (AMR)

Omschrijving

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.



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



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

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

Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
Optiek	
Vergroting	700x ~ 900x

Sensor	
Sensortype	CMOS
Resolutie	5 Megapixel (2560 x 1920)
Maximale framesnelheid	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)
Compatibiliteit	
Interface	USB 3.0, Cable included**
Besturingssysteem	Windows 7/8/10/11 macOS 10.14 or later
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.12 and up
Inbegrepen software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Ondersteunde beeldformaten (MacOS)	PNG, JPEG
Ondersteunde videoformaten (MacOS)	MOV
Behuizing	
Materiaal van de behuizing	Metal housing
Afmetingen	11.9 cm (H) x 3.3 cm (D)
Gewicht	110 g
Kenmerken	
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
Informatie	
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€1400,00 - €1700,00