

AM73915MZT4



Productcode: AM73915MZT4

Korte omschrijving

5.0 Megapixels

Extended Depth of Field (EDOF)

Extended Dynamic Range (EDR)

Automatic Magnification Reading (AMR)

Enhanced Flexible LED Control (eFLC)

Omschrijving

As magnification increases, targets with uneven surfaces are often out of focus due to the limited depth of field. The 5.0 MP Edge 3.0 AM73915MZT4 400x - 470x microscope offers a click-to-focus functionality for automatic focusing to the point of interest and also features EDOF for generating focus-stacked images. Equipped with a polarizer and advanced features like DPQ, eFLC, AMR, and EDR, Edge 3.0 AM73915MZT4 is a robust tool ready to tackle a variety of tasks.

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

The main features of the AM73915MZT4 are:

- 5.0 Megapixels
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- 400x-470x magnification
- Enhanced Flexible LED Control (eFLC)
- Integrated polarizer (anti-reflection)
- 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
400	5.68	0.977	0.732	0.041
410	6.63	0.953	0.715	0.040
420	7.59	0.93	0.698	0.039
430	8.55	0.909	0.681	0.038
440	9.51	0.888	0.666	0.038
450	9.62	0.868	0.651	0.037
460	9.56	0.849	0.637	0.036
470	9.50	0.831	0.623	0.036

Listed values may differ slightly * Without front cap

Unit = mm

Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
Polarisator	Yes, linear

Optiek	
Magnification	400x ~ 470x
Sensor	
Sensortype	CMOS
Resolutie	5.0 Megapixel (2560x1920)
Maximale framesnelheid	15 fps at 5 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
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	
Kalibratie	Yes
Microtouch-sensor	Yes
Informatie	
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€1200,00 - €1500,00