

# AM7915MZT

**Merk:**

**Productcode:** AM7915MZT



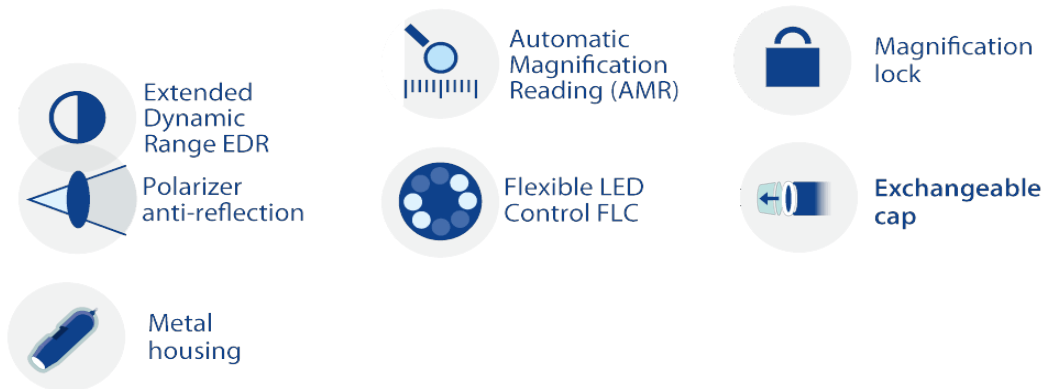
## Korte omschrijving

5 Megapixel resolution  
Extended Depth of Field (EDOF)  
Extended Dynamic Range (EDR)  
Flexible LED Control (FLC)  
10-220x magnification

## Omschrijving

With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features, the Dino-Lite AM7915MZT is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7915MZT offers superb image quality and color reproduction in a robust, compact and appealing housing.





With the Extended Dynamic Range (EDR) feature, the details of darker or brighter areas within the object can be revealed by stacking images at different exposure levels. The Extended Depth of Field (EDOF) feature automatically stacks images at different focus level to improve the depth of field on rough or uneven surfaces. With the built-in Automatic Magnification Reading (AMR), measurements can be performed easily and quickly. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc.

**The main features of the AM7915MZT are:**

- 5 Megapixel Edge sensor
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- 10-220x magnification
- Adjustable polarizer
- Flexible LED Control (FLC)
- And more...

*(\*EDOF/EDR only functions under Windows OS)*

**Working distance/field of view/depth of field**

<b>MAGNIFICATION RATE</b>	<b>WORKING DISTANCE *</b>	<b>FIELD OF VIEW(X)</b>	<b>FIELD OF VIEW(Y)</b>	<b>DEPTH OF FIELD</b>
10	-	142.6	39.6	29.7
20	52.7	60.1	19.5	15.6

<b>30</b>	33.5	13.0	9.7	1.8
<b>40</b>	20.9	9.8	7.3	1.5
<b>50</b>	13.9	7.8	5.8	
<b>60</b>	9.7	6.5	4.8	
<b>70</b>	7.1	5.6	4.2	1.0
<b>80</b>	5.5	4.9	3.6	
<b>90</b>	4.5	4.3	3.2	
<b>100</b>	4.1	3.9	2.9	
<b>110</b>	4.0	3.6	2.7	
<b>120</b>	4.1	3.3	2.4	
<b>130</b>	4.5	3.0	2.2	
<b>140</b>	5.0	2.8	2.1	
<b>150</b>	5.6	2.6	1.9	
<b>160</b>	6.3	2.4	1.8	
<b>170</b>	7.1	2.3	1.7	
<b>180</b>	8.0	2.2	1.6	
<b>190</b>	8.9	2.1	1.5	
<b>200</b>	9.9	2.0	1.5	
<b>210</b>	10.9	1.9	1.4	
<b>220</b>	11.9	1.8	1.3	0.1

Listed values may differ slightly \* Without front cap

Unit = mm

## Specificatie

<b>Verlichting</b>	
Licht / LED-type	White
Aantal leds	8
LED aan / uit schakelbaar:	Ja
Infrarood filter	IR cut-filter >650 nm
Diffusor beschikbaar	Yes (N3C-D included)
Emissiefilter	Nee
Polarisator	Yes, linear
<b>Optiek</b>	
Magnification	10x ~ 220x
Macro zoom	No
Werkafstand	Standaard
Type lens	Glas met antireflectiecoating
<b>Sensor</b>	
Sensortype	CMOS

Resolutie	5 Megapixel (2592x1944)
Maximale framesnelheid	30 fps
<b>Compatibiliteit</b>	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.9 en hoger
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Ondersteunde beeldformaten (MacOS)	PNG, JPEG
Ondersteunde videoformaten (MacOS)	MOV (max 1.3MP)
Beeldvormingsnormen	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
<b>Behuizing</b>	
Materiaal van de behuizing	Metalen behuizing
Vergrotingsslot	Yes
Afmetingen	10.5cm (L) x 3.2cm (D)
Gewicht	138g
Kabellengte	1.8m
<b>Kenmerken</b>	
Bijzonderheid	Automatic Magnification Reading (AMR), Extended Dynamic Range (EDR), Extended Depth of Field (EDOF), Flexible LED Control (FLC).
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	Yes
<b>Informatie</b>	
Inhoud van de verpakking	Microscope, carry pouch, software CD, calibration target, user manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€1100,00 - €1300,00

## Product galerij



