

# AM73115MZT



**Merk:**  
**Productcode:** AM73115MZT

## Korte omschrijving

5 Megapixel Edge sensor  
USB 3.0, maximum 45fps  
10-220x magnification  
Polarizer  
Flexible LED Control (FLC)

## Omschrijving

With the use of the USB 3.0 connection the AM73115MZT is able to capture smooth and high-quality images. The Edge series optics and the special feature Flexible LED Control (FLC) makes the AM73115MZT the best choice for the more demanding applications.



USB 3.0



High speed



Adjustable  
~10-220x



Measurement  
functionality



Magnification  
lock



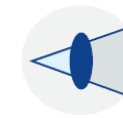
5 megapixel  
2592 x 1944



8 White LEDs  
switchable



Flexible  
LED control



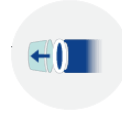
Polarizer  
anti-reflection



Standard working distance



Metal housing



Exchangeable cap

It offers superb uncompressed image quality and color reproduction in a robust, compact and appealing metal housing. The AM73115MZT is part of the high speed range due to its USB 3.0 connection with a maximum speed of 45fps at 1280x960 and 15fps at 2560x1920. With its wide magnification range from 20 – 220x, it is suitable for a broad range of applications. 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 AM73115MZT are:

- 5 Megapixel Edge sensor
- USB 3.0 with up to 45fps
- 10-220x magnification
- Integrated polarizer
- Aluminum housing
- Flexible LED Control (FLC)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- And more...

### Optical Data Table

<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>
<b>10</b>	142.4	37.8	28.3	19.7
<b>20</b>	59.5	19.5	14.6	5.4
<b>30</b>	32.9	13.0	9.7	2.6
<b>40</b>	20.2	9.8	7.3	1.6
<b>50</b>	13.2	7.8	5.8	1.1
<b>60</b>	9.0	6.5	4.8	0.8
<b>70</b>	6.4	5.6	4.2	0.6
<b>80</b>	4.8	4.9	3.6	0.5
<b>90</b>	3.9	4.3	3.2	0.42
<b>100</b>	3.5	3.9	2.9	0.36
<b>110</b>	3.3	3.6	2.7	0.31

<b>120</b>	3.5	3.3	2.4	0.27
<b>130</b>	3.8	3.0	2.2	0.24
<b>140</b>	4.3	2.8	2.1	0.22
<b>150</b>	4.9	2.6	1.9	0.2
<b>160</b>	5.6	2.4	1.8	0.18
<b>170</b>	6.4	2.3	1.7	0.17
<b>180</b>	7.3	2.2	1.6	0.15
<b>190</b>	8.2	2.1	1.5	0.14
<b>200</b>	9.2	2.0	1.5	0.13
<b>210</b>	10.2	1.9	1.4	0.13
<b>220</b>	11.3	1.8	1.3	0.12
<b>Listed values may differ slightly</b>	<b>*Without front cap</b>			<b>Unit = mm</b>

## Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
LED aan / uit schakelbaar:	Yes
Infrarood filter	IR cut-filter >650 nm
Diffusor beschikbaar	Yes (N3C-D included)
Emissiefilter	No
Polarisator	Yes, linear
Optiek	
Vergroting	10-220x
Macro zoom	No
Werkafstand	Standard
Type lens	Glas met antireflectiecoating
Sensor	
Sensortype	CMOS
Resolutie	5 Megapixel (2560x1920)
Maximale framesnelheid	45fps (max 20fps video recording)
Compatibiliteit	
Interface	USB 3.0, Cable included**
Besturingssysteem	Windows7, 8, 10 & 11, MacOS 10.9 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Ondersteunde	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,

beeldformaten (Windows)	PCX, MNG, WBMP, JP2, JPC, PGX
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Ondersteunde beeldformaten (MacOS)	JPEG, PNG
Ondersteunde videoformaten (MacOS)	MOV (max 1.3MP)
Beeldvormingsnormen	DirectShow, UVC
Wifi	No
<b>Behuizing</b>	
Materiaal van de behuizing	Metal housing
Vergrotingsslot	Yes
Afmetingen	11.9cm (L) x 3.3cm (H)
Gewicht	110g
Kabellengte	1.8m
<b>Kenmerken</b>	
Bijzonderheid	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, user manual, quick guide, calibration target, front cover 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	€1000,00 - €1200,00
Note	**Dino-Lite USB 3.0 models use a custom USB-A and USB-C cable that is specifically designed for Dino-Lite

## Product galerij