

# AM4117MZTL



**Merk:**

**Productcode:** AM4117MZTL EDGE PLUS

## Korte omschrijving

1.3 Megapixel

10-140x Magnification

Long working distance

Polarizer

Flexible LED Control (FLC)

Robust metal housing

## Omschrijving

The Dino-Lite AM4117MZTL is part of the EDGE *PLUS* series, a special category within the Long Working Distance (LWD) range. It offers a magnification range of 10-140x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality and clarity and color reproduction in a robust, compact and appealing metal housing.



1.3 megapixel  
1280 x 1024



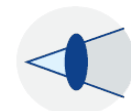
USB 2.0



Continuous  
~10x - 140x



Measurement  
functionality



Polarizer  
anti-reflection



Metal  
housing



Flexible LED Control FLC



Long working distance



Magnification lock



Exchangeable cap

**The main features of the AM4117MZTL are:**

- 1.3 Megapixel EDGE <sup>PLUS</sup> sensor
- Flexible LED Control (FLC)
- 10-140x magnification
- Long working distance
- Adjustable polarizer
- 30fps
- Metal housing
- 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>	237.6	39.1	29	24.61
<b>20</b>	115.0	19.5	14.7	6.68
<b>30</b>	75.4	13.0	9.8	3.21
<b>40</b>	56.7	9.8	7.3	1.94
<b>50</b>	46.4	7.8	5.9	1.33
<b>60</b>	40.1	6.5	4.9	0.98
<b>70</b>	36.3	5.6	4.2	0.76
<b>80</b>	34.0	4.9	3.7	0.62
<b>90</b>	32.6	4.3	3.3	0.51
<b>100</b>	31.9	3.9	2.9	0.44
<b>110</b>	31.7	3.6	2.7	0.38
<b>120</b>	31.9	3.3	2.4	0.33
<b>130</b>	32.4	3.0	2.3	0.3
<b>140</b>	33.2	2.8	2.1	0.27

Listed values may differ slightly

\*Without front cap

Unit = mm

## 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	
Magnification	10x ~ 140x
Macro zoom	No
Werkafstand	Long
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	1.3 Megapixel (1280x960)
Maximale framesnelheid	30 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 11.1 and up
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 (max 1.3MP)
Ondersteunde beeldformaten (MacOS)	JPEG, PNG
Ondersteunde videoformaten (MacOS)	MOV
Beeldvormingsnormen	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Behuizing	
Materiaal van de behuizing	Metal housing
Vergrotingsslot	Yes
Afmetingen	10.5cm (L) x 3.2cm (D)
Gewicht	130g
Kabellengte	1.5m
Kenmerken	
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, 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	€900,00 - €1100,00