

# AM4517MZT



**Merk:**

**Productcode:** AM4517MZT EDGE PLUS

## Korte omschrijving

1.3 Megapixel

10-220x magnification

Polarizer

Flexible LED Control (FLC)

Automatic Magnification Reading (AMR)

Robust metal housing

## Omschrijving

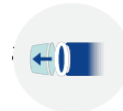
The Dino-Lite AM4517MZT is part of the EDGE <sup>PLUS</sup> series, a special category within the Universal range. It offers a magnification range of 10-220x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality and clarity and color reproduction in a robust, compact and appealing metal housing.



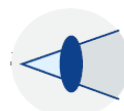
ADJUSTABLE  
~10-220x



USB 2.0



Exchangeable  
cap



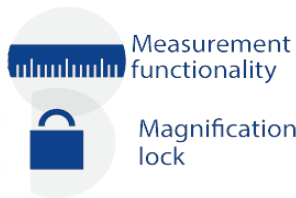
Polarizer  
anti-reflection



Metal  
housing



Flexible LED  
Control FLC



The AMR function automatically detects and displays the magnification of the Dino-Lite. The magnification is displayed within the Dino-Lite software and stored with the captured picture and simplifies the measuring process. 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 AM4517MZT are:**

- 1.3 Megapixel EDGE *PLUS* sensor
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- 10-220x magnification
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

**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>
<b>20</b>	59.5	19.5	14.7	5.36
<b>30</b>	32.9	13.0	9.8	2.58
<b>40</b>	20.2	9.8	7.3	1.56
<b>50</b>	13.2	7.8	5.9	1.07
<b>60</b>	9.	6.5	4.9	0.79
<b>70</b>	6.4	5.6	4.2	0.62
<b>80</b>	4.8	4.9	3.7	0.5
<b>90</b>	4	4.3	3.3	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	2.3	0.24

<b>140</b>	4.3	2.8	2.1	0.22
<b>150</b>	4.9	2.6	2.0	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	
Magnification	10x ~ 220x
Macro zoom	No
Werkafstand	Standard
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)
<b>Behuizing</b>	
Materiaal van de behuizing	Metal housing
Vergrotingsslot	Yes
Afmetingen	10.5cm (L) x 3.3cm (D)
Gewicht	90g
Kabellengte	1.5m
<b>Kenmerken</b>	
Bijzonderheid	Flexible LED Control (FLC) & Automatic Magnification Reading (AMR)
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 box with 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

## Product galerij

