# AM4117MZTL EDGE PLUS

Marke: Dino-Lite Artikelnummer: AM4117MZTL EDGE PLUS



#### **Short Description**

1.3 Megapixel EDGE <sup>PLUS</sup> sensor
USB 2.0, maximum 30fps
10-140x Magnification
Long working distance
Polarizer
Flexible LED Control (FLC)
Robust metal housing

#### Beschreibung

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.





### The main features of the AM4117MZTL are:

- 1.3 Megapixel EDGE PLUS sensor
- Flexible LED Control (FLC)
- 10-140x magnification
- Long working distance
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

#### Working distance/field of view/depth of field

MAGNIFICAT	IWORKING	FIELD OF	FIELD OF	<b>DEPTH OF</b>
<b>ON RATE</b>	<b>DISTANCE</b> *	VIEW(X)	VIEW(Y)	FIELD
10	237.6	39.1	29	24.61
20	115.0	19.5	14.7	6.68
30	75.4	13.0	9.8	3.21
40	56.7	9.8	7.3	1.94
50	46.4	7.8	5.9	1.33
60	40.1	6.5	4.9	0.98
70	36.3	5.6	4.2	0.76
80	34.0	4.9	3.7	0.62
90	32.6	4.3	3.3	0.51
100	31.9	3.9	2.9	0.44
110	31.7	3.6	2.7	0.38
120	31.9	3.3	2.4	0.33
130	32.4	3.0	2.3	0.3
140	33.2	2.8	2.1	0.27
Listed values	*Without front			Unit = mm
may differ	cap			

## slightly

LightingLight/ LED typeWhiteNumber of LEDs8LED on/off switchable:YesInfrared filterIR cut-filter >650 nmDiffuser availableYes (N3C-D included)Emission filterNoPolarizerYes, linearOptics	Spezifikation					
Number of LEDs8LED on/off switchable:YesInfrared filterIR cut-filter >650 nmDiffuser availableYes (N3C-D included)Emission filterNoPolarizerYes, linearOptics						
LED on/off switchable:YesInfrared filterIR cut-filter >650 nmDiffuser availableYes (N3C-D included)Emission filterNoPolarizerYes, linearOptics	Light/ LED type	White				
Infrared filterIR cut-filter >650 nmDiffuser availableYes (N3C-D included)Emission filterNoPolarizerYes, linearOptics	Number of LEDs	8				
Diffuser availableYes (N3C-D included)Emission filterNoPolarizerYes, linearOptics	LED on/off switchable:	Yes				
Emission filterNoPolarizerYes, linearOpticsIo-140xMacro zoomNoWorking distanceLongLens typeGlass with anti-reflection coatingSensorSensorSensor typeCMOSResolution1.3 Megapixel (1280x1024)Maximum frame rate30 fpsCompatibilityInterfaceInterfaceUSB 2.0Operating systemWindows 7, 8, 10 & 11, MacOS 11.1 and upIncluded softwareDinoCapture 2.0 (Windows), DinoXcope (Mac OS)Supported image formatsBMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGXWindows)YWNV, FLV, SWF (max 1.3MP)Supported image formatsMOVSupported video formatsMOVMacOS)DirectShow, UVCWireless-ready, requires the WF-10 WiFi streamer (optional)HousingMetal housingMagnification lockYesDimensions10.5cm (L) x 3.2cm (D)Weight130g	Infrared filter	IR cut-filter >650 nm				
PolarizerYes, linearOpticsI0-140xMagnification10-140xMacro zoomNoWorking distanceLongLens typeGlass with anti-reflection coatingSensorSensorSensor typeCMOSResolution1.3 Megapixel (1280x1024)Maximum frame rate30 fpsCompatibilityInterfaceUSB 2.0Operating systemOperating systemWindows 7, 8, 10 & 11, MacOS 11.1 and upIncluded softwareDinoCapture 2.0 (Windows), DinoXcope (Mac OS)Supported image formatsBMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGXWindows)PCX, MNG, WBMP, JP2, JPC, PGXSupported video formatsMOV(MacOS)IPEG, PNGSupported video formatsMOV(MacOS)DirectShow, UVCWireless-ready, requires the WF-10 WiFi streamer (optional)HousingMetal housingMagnification lockYesDimensions10.5cm (L) x 3.2cm (D)Weight130g	Diffuser available	Yes (N3C-D included)				
OpticsMagnification10-140xMacro zoomNoWorking distanceLongLens typeGlass with anti-reflection coatingSensorSensor typeCMOSResolution1.3 Megapixel (1280x1024)Maximum frame rate30 fpsCompatibilityInterfaceUSB 2.0Operating systemWindows 7, 8, 10 & 11, MacOS 11.1 and upIncluded softwareDinoCapture 2.0 (Windows), DinoXcope (Mac OS)Supported image formatsBMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGXWindows)PCX, MNG, WBMP, JP2, JPC, PGXSupported video formats (MacOS)JPEG, PNGSupported image formats (MacOS)DirectShow, UVCSupported video formats (MacOS)DirectShow, UVCWireless-ready, requires the WF-10 WiFi streamer (optional)DirectShow, UVCWinging standardsDirectShow, UVCWinging materialMetal housingMagnification lockYesDimensions10.5cm (L) x 3.2cm (D)Weight130g	Emission filter	No				
Magnification10-140xMacro zoomNoWorking distanceLongLens typeGlass with anti-reflection coatingSensorSensor typeCMOSResolution1.3 Megapixel (1280x1024)Maximum frame rate30 fpsCompatibilityInterfaceUSB 2.0Operating systemWindows 7, 8, 10 & 11, MacOS 11.1 and upIncluded softwareDinoCapture 2.0 (Windows), DinoXcope (Mac OS)Supported image formatsBMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGXWindows)PCX, MNG, WBMP, JP2, JPC, PGXSupported video formatsJPEG, PNG(MacOS)InterfShow, UVCSupported video formatsMOV(MacOS)DirectShow, UVCWifiWireless-ready, requires the WF-10 WiFi streamer (optional)Housing materialMetal housingMagnification lockYesDimensions10.5cm (L) x 3.2cm (D)Weight130g	Polarizer	Yes, linear				
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Magnification lockYesDimensions10.5cm (L) x 3.2cm (D)Weight130g	Housing					
Dimensions10.5cm (L) x 3.2cm (D)Weight130g	Housing material	Metal housing				
Dimensions10.5cm (L) x 3.2cm (D)Weight130g	Magnification lock	Yes				
Weight 130g		10.5cm (L) x 3.2cm (D)				
Cable length 1.5m	Weight					
	Cable length	1.5m				

Features				
Special feature	Flexible LED Control (FLC)			
Measurement	Yes			
Calibration	Yes			
Microtouch sensor	Yes			
ESD safe	Yes			
Information				
Package contents	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			
Warranty information	2 years European warranty			
Regulatory approval	CE, FCC, ROHS			
Price range	€900,00 - €1100,00			