Dino-Lite Europe - Phone: - Email:

# AM7115MZTL - EDGE



**Brand:** Dino-Lite **Product Code:** AM7115MZTL

### **Short Description**

5 Megapixel resolution Robust metal housing 10-140x magnification Long working distance Flexible LED Control (FLC)

## **Description**

With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features such as Flexible LED Control (FLC) and full aluminum body, the Dino-Lite AM7115MZTL is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7115MZTL offers superb image quality and color reproduction in a robust, compact and appealing housing.











The AM7115MZTL is part of the Long Working Distance (LWD) range and with its Long Working Distance and magnification range from 10 - 140x, it is suitable for a wide range of applications where extra distance to the object or a larger field of view is required.

The extra working distance and larger field of view make this model an ideal solution for tasks such as repair, rework or assembly or for working with bulky or fragile objects that cannot be touched. 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 AM7115MZTL are:

- 5 Megapixel Edge sensor
- Long Working Distance (LWD)
- 10-140x magnification
- Integrated polarizer
- Aluminum housing
- Flexible LED Control (FLC)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- And more...

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

MAGNIFICATI WORKING FIELD OF FIELD OF DEPTH OF ON RATE DISTANCE\* VIEW(X) VIEW(Y) FIELD

Listed values \* Without front Unit = mm

may differ cap

slightly

10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09

Specification

Lighting				
Light/ LED type	White			
Number of LEDs	8			
LED on/off switchable:	Yes			
Infrared filter	IR cut-filter >650 nm			
Diffuser available	Yes (N3C-D included)			
Emission filter	No			
Polarizer	Yes, linear			
Optics				
Magnification	10-140x			
Macro zoom	No			
Working distance	Long			
Lens type	Glass with anti-reflection coating			
Sensor				
Sensor type	CMOS			
Resolution	5 Megapixel (2592x1944)			
Maximum frame rate	30 fps			
Compatibility				
Interface	USB 2.0			
Operating system	Windows 7, 8, 10 & 11, MacOS 10.9 and up			
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)			
Supported image formats	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,			
(Windows)	PCX, MNG, WBMP, JP2, JPC, PGX			
Supported video formats	WMV, FLV, SWF			
(Windows)				

Supported image formats (MacOS)	JPEG, PNG			
Supported video formats	MOV (max 1.3MP)			
(MacOS)				
Imaging standards	DirectShow, UVC			
Wifi	Wireless-ready, requires the WF-10 WiFi streamer			
	(optional)			
Housing				
Housing material	Metal housing			
Magnification lock	Yes			
Dimensions	10.5cm (L) x 3.2cm (D)			
Weight	135gr			
Cable length	1.8m			
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			

# **Product Gallery**











