Dino-Lite Europe - Phone: - Email:

## AM7515MZTL

**Code produit:** AM7515MZTL - EDGE



### **Courte description**

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

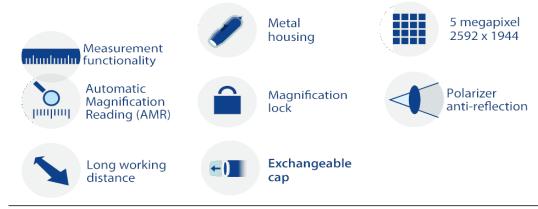
### **Description**

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 AM7515MZTL is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7515MZTL offers superb image quality and color reproduction in a robust, compact and appealing housing.









The AM7515MZTL 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 AMR function is of particular importance when the measurement functions are frequently used.

#### The main features of the AM7515MZTL are:

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

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

may differ	cap			
Listed values	* Without front			Unit = mm
ON RATE	DISTANCE*	VIEW(X)	VIEW(Y)	FIELD
MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF

# 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

# Spécification

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	$10x \sim 140x$		
Macro zoom	No		
Working distance	Long		
Lens type	Glass with anti-reflection coating		
Sensor			
Sensor type	CMOS		
Resolution	5.0 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 (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX		
,			
Supported video formats (Windows)	WMV, FLV, SWF		
Supported image formats (MacOS)	JPEG, PNG		
Supported video formats (MacOS)	MOV (max 1.3MP)		
Imaging standards	DirectShow, UVC		
Wifi	Wireless-ready, requires the WF- 10 Wi-Fi 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	Automatic Magnification Reading (AMR),		
24	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		