Dino-Lite Europe - Phone: - Email:

## WF7515MZTL

**Brand:** 

**Product Code: WF7515MZTL** 



### **Short Description**

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

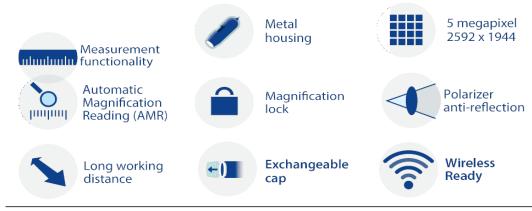
## **Description**

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 WF7515MZTL is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite WF7515MZTL offers superb image quality and color reproduction in a robust, compact and appealing housing.









The WF7515MZTL 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 WF7515MZTL 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
- Wireless
- And more...

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

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

may differ slightly	cap			
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	$10x \sim 140x$	
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 10.11.6 and up (cable only)	

Software	DinoCapture 2.0 (Windows) cable + wireless,	
	DinoXcope (Mac OS) cable only, DinoConnect	
	wireless only	
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	Yes	
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), 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	€1400,00 - €1600,00	

# **Product Gallery**

