

# AF7115MZTL



**Merk:**  
**Productcode:** AF7115MZTL

## Korte omschrijving

High Optical Resolution  
5.0 Megapixels  
Long Working Distance (LWD) Optics  
Flexible LED Control (FLC)  
Adjustable Polarizer  
Adaptable Interface  
Robust Metal Housing

## Omschrijving

AF7115MZTL is a long working distance 5-megapixel digital microscope that delivers high-resolution images at a magnification range of 10x ~ 140x. This model features Flexible LED Control (FLC) for illumination adjustability and a polarizer for removing unwanted reflections. AF7115MZTL is compatible with WF-20 for wireless connectivity.



USB 2.0



Flexible LED  
Control FLC



Continuous  
~10x - 140x



Measurement  
functionality



Metal  
housing



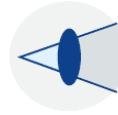
5 megapixel  
2592 x 1944



8 White LEDs  
switchable



Magnification  
lock



Polarizer  
anti-reflection



Long working  
distance



Exchangeable  
cap



Wireless  
Ready

The AF7115MZTL 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 AF7115MZTL 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
- Wireless Ready
- And more...

### Optical Data Table

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
<b>Listed values may differ slightly</b>	<b>* Without front cap</b>			<b>Unit = mm</b>

10	237.5	39.6	29.7	25.8
20	115.3	19.8	14.8	6.9
30	75.9	13.2	9.9	3.3
40	57.3	9.9	7.4	2.2
50	47.0	7.9	5.9	1.6
60	40.8	6.6	4.9	1.2
70	36.9	5.7	4.2	1.0
80	34.6	4.9	3.7	0.8
90	33.2	4.4	3.3	0.7
100	32.6	4.0	3.0	0.6
110	32.4	3.6	2.7	0.5
120	32.6	3.3	2.5	0.5
130	33.1	3.0	2.3	0.4
140	33.8	2.8	2.1	0.4

## 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 ~ 140x
Macro zoom	No
Werkafstand	Long
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	5 Megapixel (2592x1944)
Maximale framesnelheid	30 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.9 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	WMV, FLV, SWF

videoformaten (Windows)	
Ondersteunde beeldformaten (MacOS)	JPEG, PNG
Ondersteunde videoformaten (MacOS)	MOV (max 1.3MP)
Beeldvormingsnormen	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-20 (optional)
<b>Behuizing</b>	
Materiaal van de behuizing	Metal housing
Vergrotingsslot	Yes
Afmetingen	11.5cm (L) x 3.4cm (D)
Gewicht	97gr
Kabellengte	1.8m
<b>Kenmerken</b>	
Bijzonderheid	Flexible LED Control (FLC)
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	Yes
<b>Informatie</b>	
Inhoud van de verpakking	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
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€900,00 - €1100,00