Dino-Lite Europe - Phone: - Email:

AF7115MZT



Brand: Dino-Lite

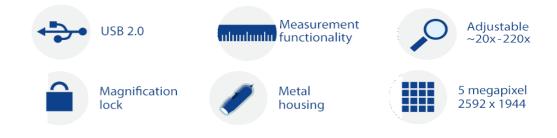
Product Code: AF7115MZT

Short Description

High Optical Resolution 5.0 Megapixel Flexible LED Control (FLC) Adjustable Polarizer Adaptable Interface Robust Metal Housing

Description

AF7115MZT is a 5-megapixel digital microscope offering high-resolution imaging with a $20x \sim 220x$ magnification. This model has Flexible LED Control (FLC) for maximizing lighting adjustability and a polarizer for reducing unwanted reflections. AF7115MZT is compatible with WF-20, a Wi-Fi streamer.













The AF7115MZT is part of the universal range and with its standard working distance and wide magnification range from 20 - 220x, it is suitable for a wide range of applications. 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 AF7115MZT are:

- 5 Megapixel Edge sensor
- 20-220x magnification
- Integrated polarizer
- Aluminum housing
- Flexible LED Control (FLC)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- Wireless ready
- And more...

Optical Data Table

1				
MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE 1	VIEW(X)	VIEW(y)	FIELD
10	142.6	39.6	29.7	26.0
20	60.1	19.8	14.8	7.0
30	33.6	13.2	9.9	3.3
40	21.0	9.9	7.4	2.0
50	14.0	7.9	5.9	1.4
60	9.8	6.6	4.9	1.0
70	7.3	5.7	4.2	0.8
80	5.7	4.9	3.7	0.6
90	4.8	4.4	3.3	0.5
100	4.3	4.0	3.0	0.4
110	4.2	3.6	2.7	0.4
120	4.3	3.3	2.5	0.3
130	4.7	3.0	2.3	0.3

140	5.2	2.8	2.1	0.3
150	5.8	2.6	2.0	0.3
160	6.5	2.5	1.9	0.2
170	7.3	2.3	1.8	0.2
180	8.1	2.2	1.6	0.2
190	9.1	2.1	1.6	0.2
200	10.0	2.0	1.5	0.2
210	11.0	1.9	1.4	0.2
220	12.1	1.8	1.3	0.2
Listed values		* Without front	,	Unit = mm
may differ		cap		
slightly				

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	20-220x		
Macro zoom	No		
Working distance	Standard		
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		
Included 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 WMV, FLV, SWF (Windows) Supported image formats JPEG, PNG (MacOS) Supported video formats MOV (max 1.3MP) (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-20 (optional) Housing Housing material Metal housing **Dimensions** 11.5cm (L) x 3.4cm (D) Weight 97gr Cable length 1.8m **Features** Flexible LED Control (FLC) Special feature Measurement Yes Yes Calibration Microtouch sensor Yes ESD safe Yes Information Microscope, carry pouch, software CD, calibration Package contents target, user manual, N3C-O- Open cap, N3C-C-Closed cap, N3C-D- diffuser cap, N3c-extension cap, N3C-L- Long cap, N3C-S- Side light cap CE, FCC, ROHS Regulatory approval