AF7115MZTW

Brand: Dino-Lite
Product Code: AF7115MZTW - Edge

Short Description
High Optical Resolution
5.0 Megapixels
Flexible LED Control (FLC)
Adjustable Polarizer
Macro zoom optics

Description
The 5MP Edge AM7115MZTW - Edge provides macro-level imaging with zoomin capabilities. This microscope includes a polarizer to reduce reflections and features FLC for adjustable illumination. AF7115MZTW is compatible with the optional WF-20 Wi-Fi streamer.

USB 2.0

Flexible LED Control FLC

Measurement functionality

Metal housing

5 megapixel 2592 x 1944

8 White LEDs switchable

The main features of the AM7115MZTW - Edge are:

• 5 Megapixel sensor
• Macro zoom optics
• Adjustable polarizer
• Robust Metal housing
• Flexible LED Control (FLC)
• High Optical Resolution
• Adaptable Interface
• And more...

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ slightly		* Without front cap		Unit = mm
		T Zone		
50	23	8	6	4
40	43	10	7	6
30	43	13	10	11
20	128	20	15	27
15	183	26	20	48

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ slightly		* Without front cap		Unit = mm
		W Zone		
30	19	13	10	7
20	33	20	15	7
15	47	26	20	25
10	76	40	30	57
5	163	79	59	297

Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Diffuser available	Yes (N3C-D included)
Emission filter	No
Polarizer	Yes, linear
Optics	
Magnification	10x ~ 50x
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 10.14 and up
Included software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows)	BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM
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-20 adapter (optional)
Housing	
Housing material	Metal housing
Magnification lock	Yes
Dimensions	15 mm (H) x 34 mm (D)
Weight	97g
Cable length	1.8m
Features	
Special feature	Flexible LED Control (FLC)