AF7515MZT4

Brand:
Product Code: AF7515MZT4 - Edge

Short Description
5 Megapixel resolution
Robust metal housing
Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)
Adaptable Interface

Description
The 5MP Edge AF515MZT4 provides high-quality images with remarkable color performance at 400x magnification. With a built-in polarizer and FLC, the AF7515MZT4 is a versatile tool for a wide range of tasks, including viewing small defects, edge sharpness, and surface roughness. AF7515MZT4 features AMR to facilitate measurements and is also 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

Magnification lock

Adjustable
~400x - 470x

Polarizer
anti-reflection

Exchangeable
cap

The main features of the AF7515MZT - Edge are:

• 5 Megapixel Edge sensor
• High optical Resolution
• Automatic Magnification Reading
• Adjustable polarizer
• Robust Metal housing
• Flexible LED Control (FLC)
• 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**
400	4.8	0.99	0.74	0.040
410	5.8	0.97	0.72	0.039
420	6.7	0.94	0.71	0.038
430	7.7	0.92	0.69	0.037
440	8.6	0.90	0.67	0.036
450	8.6	0.88	0.66	0.035
460	8.5	0.86	0.65	0.034
450	8.4	0.84	0.63	0.034

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	400x ~ 470x
Macro zoom	No
Working distance	Standard
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 10.14 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-20 WiFi streamer (optional)
Housing	
Housing material	Metal housing
Magnification lock	Yes
Dimensions	11.5 cm (H) x 3.4 cm (D)
Weight	97g
Cable length	1.8m
Features	
Special feature	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

Product Gallery