

AG5915MZT

Product Code: AG5915MZT



Short Description

Global Shutter

2.0 Megapixel

Software Trigger

Depth Acquisition (DPQ)

Auto and Manual Refocus

Description

Using its global shutter sensor, the AG5715MZT delivers distortion-free live imaging of moving subjects. In addition, its external trigger enables synchronized capture in automated inspection systems, such as sensor-triggered inspection stations and robotic systems. Both software and external triggering options support synchronized flashing for well-timed frame acquisition. Featuring a 2-megapixel sensor, 10x ~ 220x magnification, and professional tools such as AMR and EDR, the AG5715MZT is well suited for trigger-based imaging in dynamic inspection environments.



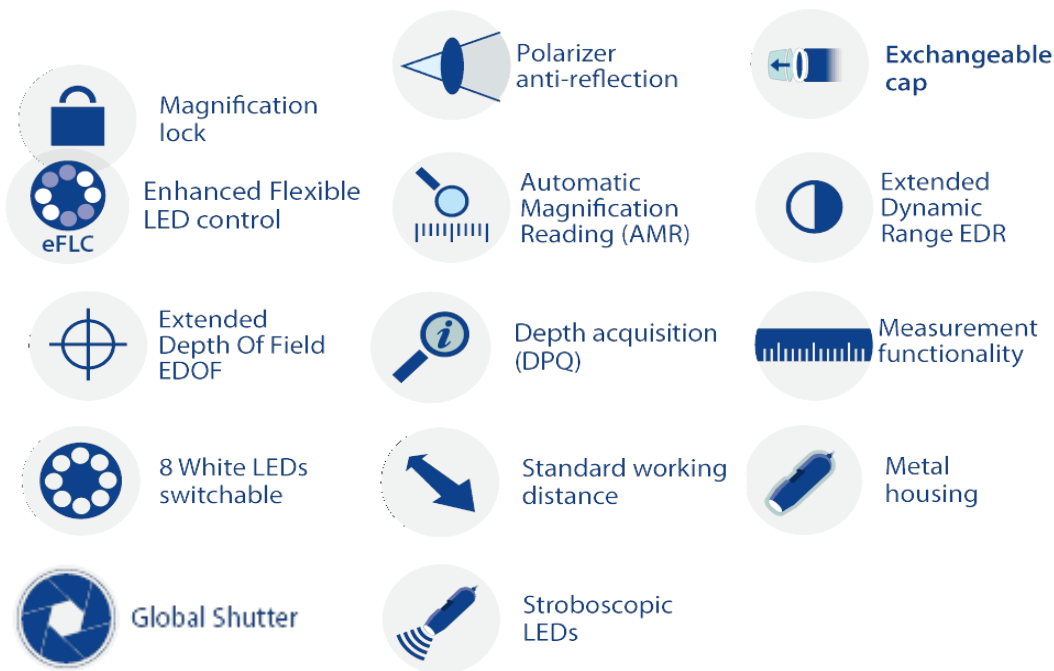
USB 2.0



2,0 Megapixel
1920 x 1080



Adjustable
~10-220x



The main features of the AG5915MZT are:

- Global Shutter
- High Quality Optics
- 2.0 Megapixel
- Software Trigger
- Enhanced Flexible LED Control (eFLC)
- Adjustable Polarizer
- Extended Dynamic Range (EDR)
- Extended Depth of Field (EDOF)
- Depth Acquisition (DPQ)
- Auto and Manual Refocus
- Automatic Magnification Readout (AMR)
- Robust Metal Housing

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
10x	138.5	60.70	34.14	24.54
20x	58.3	30.35	17.07	6.63
30x	32.5	20.23	11.38	3.17
40x	20.4	15.17	8.54	1.91
50x	13.7	12.14	6.83	1.30

60x	9.7	10.12	5.69	0.96
70x	7.3	8.67	4.88	0.75
80x	5.8	7.59	4.27	0.60
90x	5.0	6.74	3.79	0.50
100x	4.7	6.07	3.41	0.43
110x	4.7	5.52	3.10	0.37
120x	4.9	5.06	2.85	0.33
130x	5.3	4.67	2.63	0.30
140x	5.9	4.34	2.44	0.27
150x	6.6	4.05	2.28	0.25
160x	7.4	3.79	2.13	0.23
170x	8.3	3.57	2.01	0.21
180x	9.2	3.37	1.90	0.20
190x	10.2	3.19	1.80	0.18
200x	11.2	3.03	1.71	0.17
210x	12.3	2.89	1.63	0.16
220x	13.5	2.76	1.55	0.15

Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
Polarizer	Yes
Optics	
Magnification	10x ~ 220x
Working distance	Standard
Lens type	Global Shutter
Sensor	
Sensor type	CMOS
Resolution	2.0 Megapixel (1920 x 1080)
Maximum frame rate	30 fps
Compatibility	
Interface	USB 2.0
Operating system	Windows 10/11
Software	DinoCapture 2.0, DinoCapture 3.0 (Windows)
Supported image formats (Windows)	BMP, PNG, TIF, JPG
Supported video formats (Windows)	DinoCapture 2.0: WMV, FLV, SWF. DinoCapture 3.0: MP4
Housing	
Housing material	Metal housing
Magnification lock	Yes

Dimensions	130 mm (H) x 33 mm (D)
Weight	Approx. 120 g
Cable length	Type-C to Type-C Cable with Screw Lock (1.8 m) Type-C to. Type-A Cable with Screw Lock (1.8 m)
Features	
Special feature	Enhanced Flexible LED Control (eFLC), Extended Dynamic Range (EDR), Extended Depth of Field (EDOF), Automatic Magnification Readout (AMR), Software Trigger, Depth Acquisition (DPQ), Auto and Manual Refocus
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
Information	
Package contents	Microscope, carry pouch, N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€1400,00 - €1600,00