

# AG5715MZT

**Product Code:** AG5715MZT



## Short Description

Global Shutter  
2.0 Megapixel  
Software Trigger  
External Trigger  
Strobe Output

## 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.



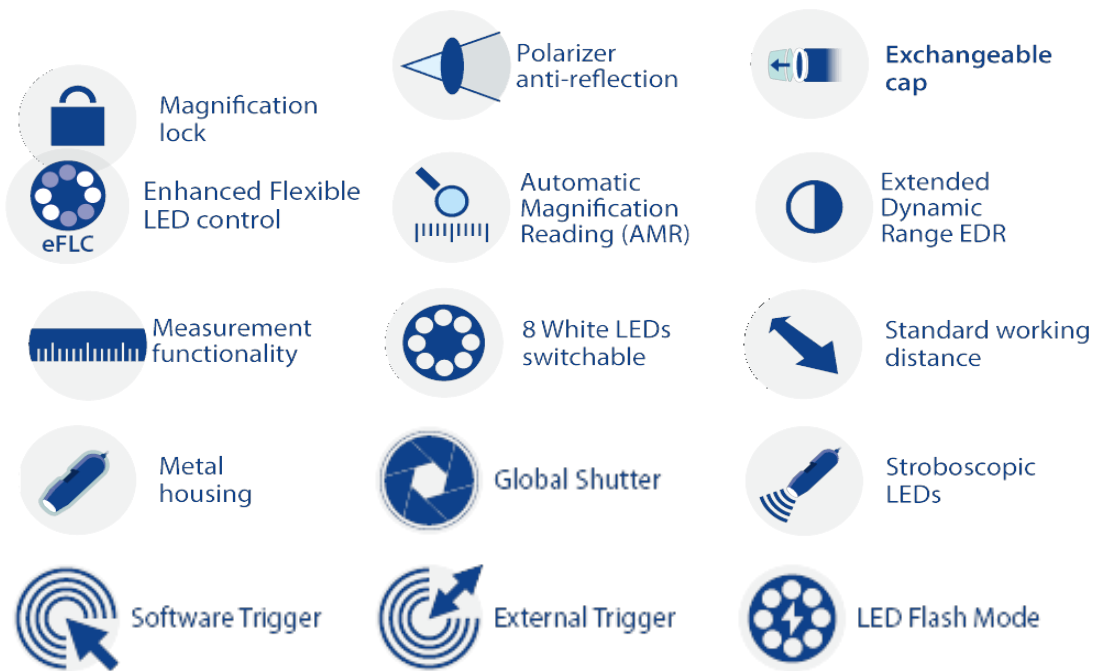
USB 2.0



2,0 Megapixel  
1920 x 1080



Adjustable  
~10-220x



**The main features of the AG5715MZT are:**

- Global Shutter
- High Quality Optics
- 2.0 Megapixel
- Software Trigger
- External Trigger
- Strobe Output
- LED Flash Mode
- Enhanced Flexible LED Control (eFLC)
- Adjustable Polarizer
- Extended Dynamic Range (EDR)
- 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
<b>Listed values may differ slightly</b>	<b>* Without front cap</b>			<b>Unit = mm</b>
10x	137.3	60.70	34.14	24.49
20x	57.2	30.35	17.07	6.62
30x	31.4	20.23	11.38	3.17
40x	19.3	15.17	8.54	1.91
50x	12.6	12.14	6.83	1.30

60x	8.7	10.12	5.69	0.96
70x	6.2	8.67	4.88	0.75
80x	4.8	7.59	4.27	0.60
90x	4.0	6.74	3.79	0.50
100x	3.7	6.07	3.41	0.43
110x	3.6	5.52	3.10	0.37
120x	3.9	5.06	2.85	0.32
130x	4.3	4.67	2.63	0.29
140x	4.9	4.34	2.44	0.26
150x	5.6	4.05	2.28	0.23
160x	6.4	3.79	2.13	0.21
170x	7.2	3.57	2.01	0.20
180x	8.2	3.37	1.90	0.18
190x	9.2	3.19	1.80	0.17
200x	10.2	3.03	1.71	0.16
210x	11.3	2.89	1.63	0.15
220x	12.4	2.76	1.55	0.14

## Specification

Lighting	
Light/ LED type	Stroboscopic
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)
<b>Features</b>	
Special feature	Enhanced Flexible LED Control (eFLC), Extended Dynamic Range (EDR), Automatic Magnification Readout (AMR), Software Trigger, External Trigger, LED Flash Mode
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
<b>Information</b>	
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	€1200,00 - €1400,00