

# AM8917MZTL



**Merk:**

**Productcode:** AM8917MZTL Edge Plus

## Korte omschrijving

High Optical Resolution

8.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Automatic Magnification Reading (AMR)

Long Working Distance

Automatic Magnification Reading (AMR)

## Omschrijving

Capture stunning images with the AM8917MZTL 8-megapixel long working distance digital microscope. Engineered with a comprehensive set of features, including AMR, this model is designed to excel in both imaging and measurement-oriented tasks.



Metal  
housing



Enhanced Flexible  
LED control



Adjustable  
~10x - 140x



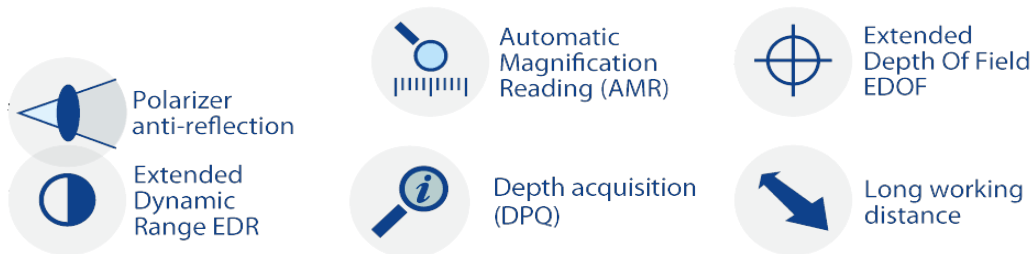
8,0 Megapixels  
3840 x 2160



Measurement  
functionality



8 White LEDs  
switchable




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**The main features of the AM8917MZTL are:**

- 8 Megapixels
- High Optical Resolution
- Automatic Magnification Reading (AMR)
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Depth Acquisition (DPQ)
- Enhanced Flexible LED Control (eFLC)
- Long Working Distance (LWD) Optics
- Adjustable Polarizer
- Robust Metal Housing
- 10x ~ 140x magnification (Edge shading occurs below 25x when previewing in 16:9 windows.)
- And more...

**Optical Data Table**

| <b>MAGNIFICATION RATE</b> | <b>WORKING DISTANCE *</b> | <b>FIELD OF VIEW(X)</b> | <b>FIELD OF VIEW(Y)</b> | <b>DEPTH OF FIELD</b> |
|---------------------------|---------------------------|-------------------------|-------------------------|-----------------------|
| 10                        | 237.5                     | 60.69                   | 34.14                   | 25.82                 |
| 20                        | 115.3                     | 30.35                   | 17.07                   | 6.89                  |
| 30                        | 75.9                      | 20.23                   | 11.38                   | 3.50                  |
| 40                        | 57.3                      | 15.17                   | 8.53                    | 2.23                  |
| 50                        | 47.0                      | 12.14                   | 6.83                    | 1.59                  |
| 60                        | 40.8                      | 10.11                   | 5.69                    | 1.22                  |
| 70                        | 36.9                      | 8.67                    | 4.88                    | 0.98                  |
| 80                        | 34.6                      | 7.59                    | 4.27                    | 0.82                  |
| 90                        | 33.2                      | 6.74                    | 3.79                    | 0.70                  |
| 100                       | 32.6                      | 6.07                    | 3.41                    | 0.61                  |
| 110                       | 32.4                      | 5.52                    | 3.10                    | 0.53                  |
| 120                       | 32.7                      | 5.06                    | 2.85                    | 0.48                  |
| 130                       | 33.2                      | 4.67                    | 2.63                    | 0.43                  |
| 140                       | 33.9                      | 4.34                    | 2.44                    | 0.39                  |

**Listed values may differ slightly \* Without front**

**Unit = mm**

## cap

### Specificatie

|                                      |                                                                                                                                                     |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Verlichting                          |                                                                                                                                                     |
| Licht / LED-type                     | White                                                                                                                                               |
| Aantal leds                          | 8                                                                                                                                                   |
| Optiek                               |                                                                                                                                                     |
| Magnification                        | 10x ~ 140x                                                                                                                                          |
| Werkafstand                          | 237.5 ~ 33.9 mm                                                                                                                                     |
| Sensor                               |                                                                                                                                                     |
| Sensortype                           | CMOS                                                                                                                                                |
| Resolutie                            | 8.0 Megapixel (3840x2160)                                                                                                                           |
| Maximale framesnelheid               | 10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG                                                                                                     |
| Compatibiliteit                      |                                                                                                                                                     |
| Interface                            | USB 2.0                                                                                                                                             |
| Besturingssysteem                    | Windows 10/11                                                                                                                                       |
| Ondersteunde beeldformaten (Windows) | BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM                                                                               |
| Ondersteunde videoformaten (Windows) | WMV, FLV, SWF                                                                                                                                       |
| Behuizing                            |                                                                                                                                                     |
| Materiaal van de behuizing           | Metal housing                                                                                                                                       |
| Afmetingen                           | 130 mm (H) x 33 mm (D)                                                                                                                              |
| Gewicht                              | 120 g                                                                                                                                               |
| Kenmerken                            |                                                                                                                                                     |
| Bijzonderheid                        | EDOF, EDR, DPQ, and Auto/Manual Refocus are available on Windows PC only.                                                                           |
| Meting                               | Yes                                                                                                                                                 |
| Kalibratie                           | Yes                                                                                                                                                 |
| Microtouch-sensor                    | Yes                                                                                                                                                 |
| Informatie                           |                                                                                                                                                     |
| Inhoud van de verpakking             | 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) |
| Garantie-informatie                  | 2 years European warranty                                                                                                                           |
| Regulatory approval:                 | CE, FCC, ROHS                                                                                                                                       |
| Prijsklasse                          | €1500,00 - €1700,00                                                                                                                                 |