

# AM8917MZT4



**Merk:**

**Productcode:** AM8917MZT4

## Korte omschrijving

8.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Depth Acquisition (DPQ)

Extended Depth of Field (EDOF)

Automatic Magnification Readout (AMR)

## Omschrijving

Featuring EDOF for expanding the depth of field, AM8917MZT4 offers 8-megapixels of clarity at 400x ~ 470x and incorporates features like DPQ, refocus mode, AMR, eFLC, and even a polarizer for assisting professionals in high magnification tasks.

## Working distance/field of view/depth of field

| M   | WD  | FOV (x) | FOV (y) | DOF  |
|-----|-----|---------|---------|------|
| 400 | 7.2 | 1.52    | 0.85    | 0.04 |
| 410 | 8.2 | 1.48    | 0.83    | 0.04 |
| 420 | 8.6 | 1.44    | 0.81    | 0.04 |
| 430 | 8.5 | 1.41    | 0.79    | 0.04 |
| 440 | 8.5 | 1.38    | 0.78    | 0.04 |
| 450 | 8.4 | 1.35    | 0.76    | 0.04 |
| 460 | 8.4 | 1.32    | 0.74    | 0.04 |
| 470 | 8.3 | 1.29    | 0.73    | 0.04 |

## Specificatie

|                                      |                                                                                                                                                                                 |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Verlichting                          |                                                                                                                                                                                 |
| Licht / LED-type                     | White LEDs                                                                                                                                                                      |
| Optiek                               |                                                                                                                                                                                 |
| Magnification                        | 400x ~ 470x                                                                                                                                                                     |
| Sensor                               |                                                                                                                                                                                 |
| 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 macOS 10.14 or later                                                                                                                                              |
| Ondersteunde beeldformaten (Windows) | DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM                                                                                          |
| Ondersteunde videoformaten (Windows) | DinoCapture 2.0: WMV, FLV, SWF                                                                                                                                                  |
| Ondersteunde beeldformaten (MacOS)   | DinoXcope: PNG, JPEG                                                                                                                                                            |
| Ondersteunde videoformaten (MacOS)   | DinoXcope: MOV                                                                                                                                                                  |
| Behuizing                            |                                                                                                                                                                                 |
| Vergrotingsslot                      | Yes                                                                                                                                                                             |
| Afmetingen                           | 133 mm (H) x 33 mm (D)                                                                                                                                                          |
| Gewicht                              | Approx. 120 g                                                                                                                                                                   |
| Kabellengte                          | Approx. 1.8 m                                                                                                                                                                   |
| 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             | Microscope, carry pouch, 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 |
| Garantie-informatie                  | 2 years European warranty                                                                                                                                                       |
| Regelgevende goedkeuring             | CE, FCC, ROHS                                                                                                                                                                   |