

# AM8917MT4A

**Značka:**

**Kód produktu:** AM8917MT4A

## Short Description

8.0 Megapixel

Enhanced Flexible LED Control (eFLC, with coaxial light)

Depth Acquisition (DPQ)

Extended Depth of Field (EDOF)

Automatic Magnification Readout (AMR)

## Popis

The AM8917MT4A is a feature-packed microscope integrated with coaxial light and EDOF, answering needs for inspecting reflective surfaces and capturing all-in-focus images under 400x magnification. AM8917MT4A includes advanced features such as DPQ, EDR, AMR, and both Auto and Manual Refocusing.

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

| M   | WD  | FOV (x) | FOV (y) | DOF  |
|-----|-----|---------|---------|------|
| 415 | 8.6 | 1.46    | 0.82    | 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 |

## Specifikace

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Lighting           |                                                 |
| Light/ LED type    | White LED                                       |
| Optics             |                                                 |
| Magnification      | 415x ~ 460x                                     |
| Sensor             |                                                 |
| Resolution         | 8.0 Megapixel (3840 x 2160)                     |
| Maximum frame rate | 10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG |
| Compatibility      |                                                 |

|                                   |                                                                                                                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interface                         | USB 2.0                                                                                                                                                                         |
| Operating system                  | Windows 10/11 macOS 10.14 or later                                                                                                                                              |
| Supported image formats (Windows) | DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM                                                                                          |
| Supported video formats (Windows) | DinoCapture 2.0: WMV, FLV, SWF                                                                                                                                                  |
| Supported image formats (MacOS)   | DinoXcope: PNG, JPEG                                                                                                                                                            |
| Supported video formats (MacOS)   | DinoXcope: MOV                                                                                                                                                                  |
| <b>Housing</b>                    |                                                                                                                                                                                 |
| Magnification lock                | Yes                                                                                                                                                                             |
| Dimensions                        | 133 mm (H) x 32 mm (D)                                                                                                                                                          |
| Weight                            | Approx. 124 g                                                                                                                                                                   |
| Cable length                      | Approx. 1.8 m                                                                                                                                                                   |
| <b>Features</b>                   |                                                                                                                                                                                 |
| Measurement                       | Yes                                                                                                                                                                             |
| Calibration                       | Yes                                                                                                                                                                             |
| Microtouch sensor                 | Yes                                                                                                                                                                             |
| <b>Information</b>                |                                                                                                                                                                                 |
| Package contents                  | 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 |
| Warranty information              | 2 years European warranty                                                                                                                                                       |
| Regulatory approval               | CE, FCC, ROHS                                                                                                                                                                   |