

AM8917MT8A

Brand:

Product Code: AM8917MT8A

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)

Description

Equipped with coaxial light, EDOF, and many other sophisticated features, AM8917MT8A is an 800x microscope ideal for viewing reflective surfaces and delivering all-in-focus images. The AM8917MT8A includes DPQ, EDR, AMR, and Auto and Manual Refocusing.

Working distance/field of view/depth of field

| M | WD | FOV (x) | FOV (y) | DOF |
|-----|-----|---------|---------|------|
| 700 | 5.8 | 0.87 | 0.49 | 0.01 |
| 750 | 5.7 | 0.81 | 0.46 | 0.01 |
| 800 | 5.6 | 0.76 | 0.43 | 0.01 |
| 850 | 5.6 | 0.71 | 0.40 | 0.01 |
| 900 | 5.5 | 0.68 | 0.38 | 0.01 |

Specification

| | |
|--------------------|---|
| Lighting | |
| Light/ LED type | White LED |
| Optics | |
| Magnification | 700x ~ 900x |
| 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 |
| Housing | |
| Magnification lock | Yes |
| Dimensions | 133 mm (H) x 32 mm (D) |
| Weight | Approx. 124 g |
| Cable length | Approx. 1.8 m |
| Features | |
| Measurement | Yes |
| Calibration | Yes |
| Microtouch sensor | Yes |
| Information | |
| 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 |