# AM4013MTL-FVW




**Brand:** Dino-Lite
**Product Code:** AM4013MTL-FVW

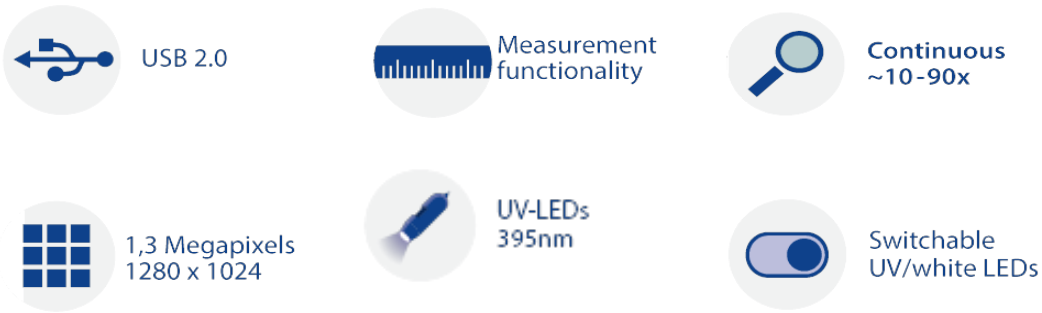
## Short Description

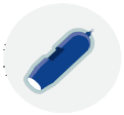
1.3 Megapixel resolution
Robust metal housing
395nm + white LEDs
10-90x magnification
Long working distance

## Description

The VW series has two types of LED lights that are switchable between white and UV light. This model has a long working distance and a filter to filter out the returning UV light so that an image with natural colors can be obtained. The aluminium housing offers enhanced protection and durability and has the best look and feel.

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Metal housing

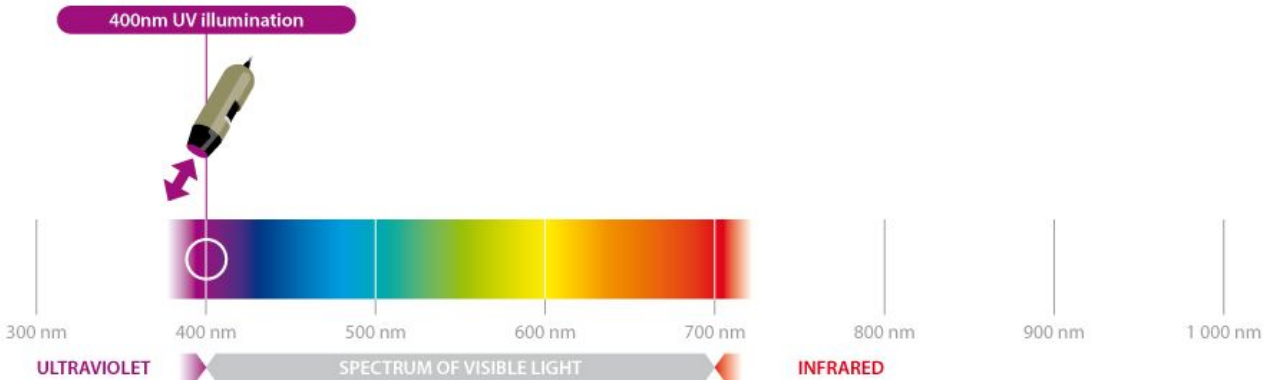


Long working distance

**Working distance/field of view/depth of field**

| MAGNIFICATION RATE **Listed values may differ slightly** | WORKING DISTANCE | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD **Unit = mm** |
|---|---|---|---|---|
| 20 | 151.0 | 19.6 | 15.6 | 6 |
| 30 | 101.0 | 13.0 | 10.4 | 3.4 |
| 40 | 72.2 | 9.8 | 7.8 | 2.2 |
| 50 | 64.1 | 7.8 | 6.3 | 1.65 |
| 60 | 56.2 | 6.5 | 5.2 | - |
| 70 | 51.3 | 5.6 | 4.5 | - |
| 80 | 48.3 | 4.9 | 3.9 | - |
| 90 | 46.6 | 4.3 | 3.5 | 0.8 |

**Special Light**




**Specification**

| | |
|---|---|
| Lighting | |
| Light/ LED type | 395 nm UV + white |
| Number of LEDs | 4+4 |
| LED on/off switchable: | Yes |
| Infrared filter | IR cut-filter >650 nm |
| Diffuser available | No |
| Emission filter | Yes, UV cut filter |
| Polarizer | No |
| Optics | |

| | |
|---|---|
| Magnification | 10-90x |
| Macro zoom | No |
| Working distance | Long |
| Lens type | Glass with anti-reflection coating |
| Sensor | |
| Sensor type | CMOS |
| Resolution | 1.3 Megapixel (1280x1024) |
| Maximum frame rate | 30 fps |
| Compatibility | |
| Interface | USB 2.0 |
| Operating system | Windows 7, 8, 10 & 11, MacOS 10.9 and up |
| Included software | DinoCapture 2.0 (Windows), DinoXcope (Mac OS) |
| Supported image formats (Windows) | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX |
| Supported video formats (Windows) | WMV, FLV, SWF |
| Supported image formats (MacOS) | JPEG, PNG |
| Supported video formats (MacOS) | MOV |
| Imaging standards | DirectShow, UVC |
| Wifi | Wireless-ready, requires the WF-10 WiFi streamer (optional) |
| Housing | |
| Housing material | Metal housing |
| Magnification lock | No |
| Dimensions | 10.5cm (L) x 3.2cm (D) |
| Weight | 140g |
| Cable length | 1.8m |
| Features | |
| Special feature | No |
| Measurement | Yes |
| Calibration | Yes |
| Microtouch sensor | Yes |
| ESD safe | Yes |
| Information | |
| Package contents | Microscope, carry pouch, software CD, calibration target, user manual |
| Warranty information | 2 years European warranty |
| Regulatory approval | CE, FCC, ROHS |
| Price range | €350,00 - €550,00 |

## Product Gallery