

# AM4013MTL-FVW

**Codice del prodotto:** AM4013MTL-FVW



## Short Description

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

## Descrizione

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.



USB 2.0



Measurement  
functionality



Continuous  
~10-90x



1,3 Megapixels  
1280 x 1024



UV-LEDs  
395nm



Switchable  
UV/white LEDs



Metal housing

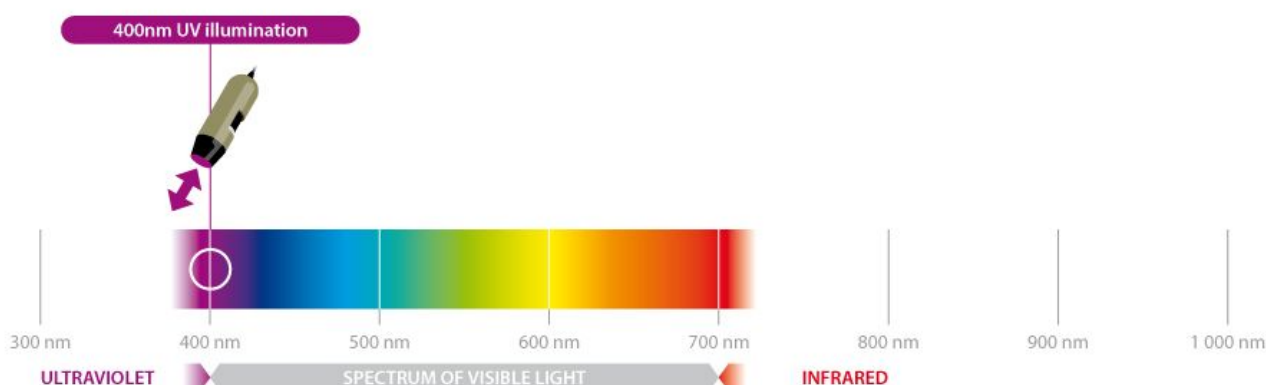


Long working distance

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

| MAGNIFICATION RATE                       | WORKING DISTANCE | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD   |
|------------------------------------------|------------------|------------------|------------------|------------------|
| <b>Listed values may differ slightly</b> |                  |                  |                  | <b>Unit = mm</b> |
| 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



## Specifiche

| 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                     | 10x ~ 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                                                                                                                                                                                                                        |
| 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                                                                                                                                                                                                                                                 |
| 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, Microscope, carry pouch, software CD, calibration target, user manual, N3C-C (Close Cap) N3C-EB (Extended Open Black Cap) N3C-L (Long Cap) N3C-OB (Black Open Cap) N3C-S (Sidelight Cap) |
| Warranty information              | 2 years European warranty                                                                                                                                                                                                                                       |

|                     |                   |
|---------------------|-------------------|
| Regulatory approval | CE, FCC, ROHS     |
| Price range         | €350,00 - €550,00 |

**Product Gallery**