

# AM4013MT-FVW



The VW series has two types of LED lights that are switchable between white and UV light. This model has 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



ADJUSTABLE  
~10-70x & 200x



1.3 MEGAPIXEL  
1280x1024



UV-LEDs  
390~400 nm



SWITCHABLE  
UV/WHITE LEDs



METAL  
HOUSING



STANDARD  
WORKING  
DISTANCE

» Also available without return filter (model AM4013MT-VW)

## Additional Info

- Dino-Lite Range: Dino-Lite Special lighting
- Resolution: Medium (800x600 - 1.3 Megapixel)
- Magnification: Standard (10x - 220x)
- Interface: USB 2.0
- Working Distance: Standard
- Price Range (excl. VAT): €350,00 - €550,00

- Light/ LED type: UV/ White
- ESD Safe: Yes
- Polarizer: No
- Housing: Metal housing
- Special feature: No
- Dino-Lite Range: Dino-Lite Special lighting
- Light/ LED type: 390-400 nm UV + white
- Number of LEDs: 4+4
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: MSAA111A1 (optional accessory)
- Emission filter: Yes, UV cut filter
- Polarizer: No
- Magnification: 10-70x, 200x
- Macro zoom: No
- Working Distance: Standard
- Resolution: 1.3 Megapixel (1280x1024)
- Maximum Frame rate: 30 fps
- Interface: USB 2.0
- Housing material: Metal housing
- Magnification lock: No
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: Yes
- Special feature: No
- Package contents: Microscope, Carry pouch, Software CD, Calibration target, User manual
- Price Range: €350,00 - €550,00

#### • **Details**

- Dino-Lite range: Dino-Lite Special lighting

#### • **Lighting**

- Light/ LED type: 390-400 nm UV + white
- Number of LEDs: 4+4
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: MSAA111A1 (optional accessory)
- Emission filter: Yes, UV cut filter
- Polarizer: No

#### • **Optics**

- Magnification: 10-70x, 200x
- Macro zoom: No
- Working distance: Standard
- 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 XP, Vista, 7, 8 & 10, MacOS 10.9 and up
- Included software: DinoCapture 2.0 (Windows), DinoXscope (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
- Warranty information: 2 years European warranty
- Regulatory approval: CE, FCC, ROHS
- Price range: €350,00 - €550,00
- Working distance/ field of view/ depth of field:

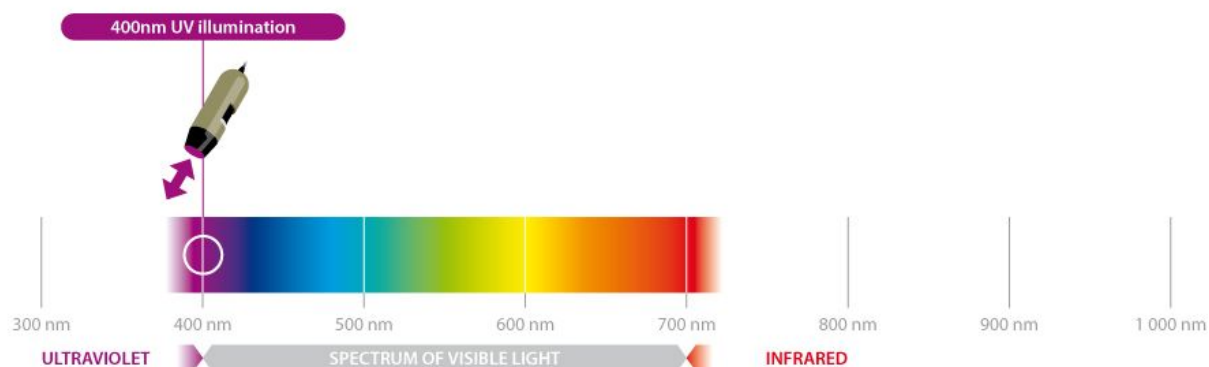
<b>Magnification Rate</b>	<b>Working Distance</b>	<b>Field of View(x)</b>	<b>Field of View(y)</b>	<b>Depth of Field</b>
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
<b>Listed values may differ slightly</b>				<b>Unit = mm</b>

Magnification Rate	Working Distance	Field of View(x)	Field of View(y)	Depth of Field
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-

Listed values may differ slightly

Unit = mm

- Special Light:



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