

# AM4113TL-FVW



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.



USB 2.0



MEASUREMENT  
FUNCTIONALITY



CONTINUOUS  
~10x-90x



MAGNIFICATION  
LOCK



1.3 MEGAPIXEL  
1280 x 1024



UV-LEDs  
390~400 nm



SWITCHABLE  
UV/WHITE LEDs



4-15 cm

LONG WORKING  
DISTANCE

» Also available without return filter (model AM4113TL-VW)

## Additional Info

- Dino-Lite Range: Dino-Lite Special lighting
- Resolution: Medium (800x600 - 1.3 Megapixel)
- Magnification: Low/medium (10x-90x)
- Interface: USB 2.0
- Working Distance: Long
- Price Range (excl. VAT): €350,00 - €550,00
- Light/ LED type: UV/ White

- ESD Safe: No
- Polarizer: No
- Housing: Composite/plastic 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, Emission barrier filter 400 nm
- Polarizer: No
- Magnification: 10-90x
- Macro zoom: No
- Working Distance: Long
- Resolution: 1.3 Megapixel (1280x1024)
- Maximum Frame rate: 30 fps
- Interface: USB 2.0
- Housing material: Composite/ plastic housing
- Magnification lock: Yes
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: No
- 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, Emission barrier filter 400 nm
- 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 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: Composite/ plastic housing
- Magnification lock: Yes
- Dimensions: 10.5cm (L) x 3.2cm (D)
- Weight: 105g
- Cable length: 1.8m

## • **Features**

- Special feature: No
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD safe: No

## • **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:

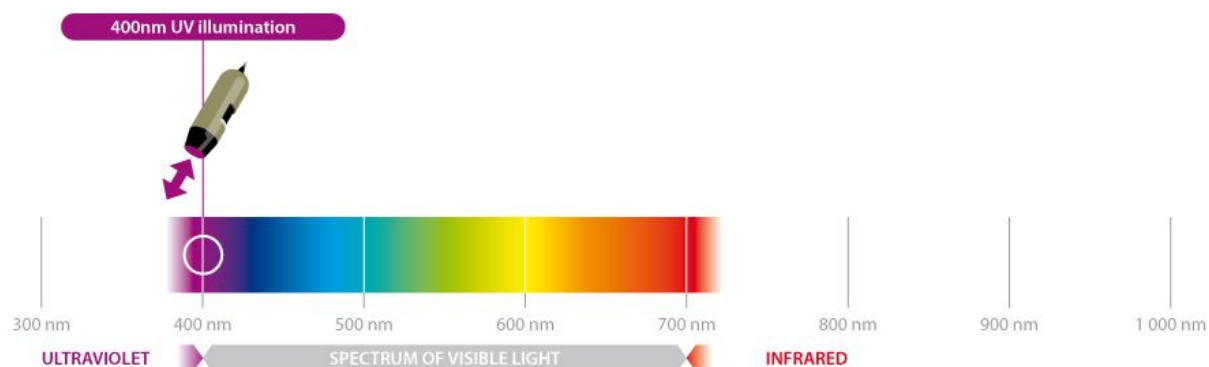
<b>Magnification Rate</b>	<b>Working Distance</b>	<b>Field of View(x)</b>	<b>Field of View(y)</b>	<b>Depth of Field</b>
20	160.5	19.8	14.9	6
30	110.4	13.2	9.9	3.4
<b>Listed values may differ slightly</b>				<b>Unit = mm</b>

Magnification Rate	Working Distance	Field of View(x)	Field of View(y)	Depth of Field
40	86.7	9.9	7.4	2.2
50	73.6	7.9	5.9	1.65
60	65.7	6.6	5.0	-
70	60.8	5.7	4.2	-
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8

Listed values may differ slightly

Unit = mm

- Special Light:



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