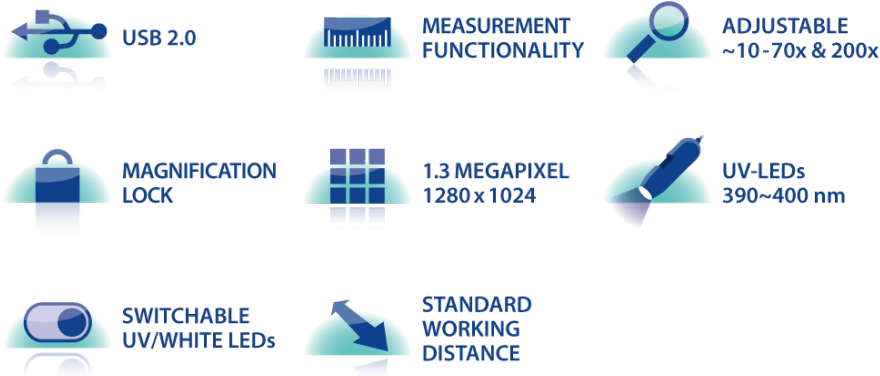


# AM4113T-FVW



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.



» Also available without return filter (model AM4113T-VW) and in a version with ~375nm LEDs (model AM4113T-FV2W)

## 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): €200,00 - €350,00

- 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: 10-70x, 200x
- Macro zoom: No
- Working Distance: Standard
- 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: €200,00 - €350,00

- **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: 10-70x, 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), 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: 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: €200,00 - €350,00
- Working distance/ field of view/ depth of field:

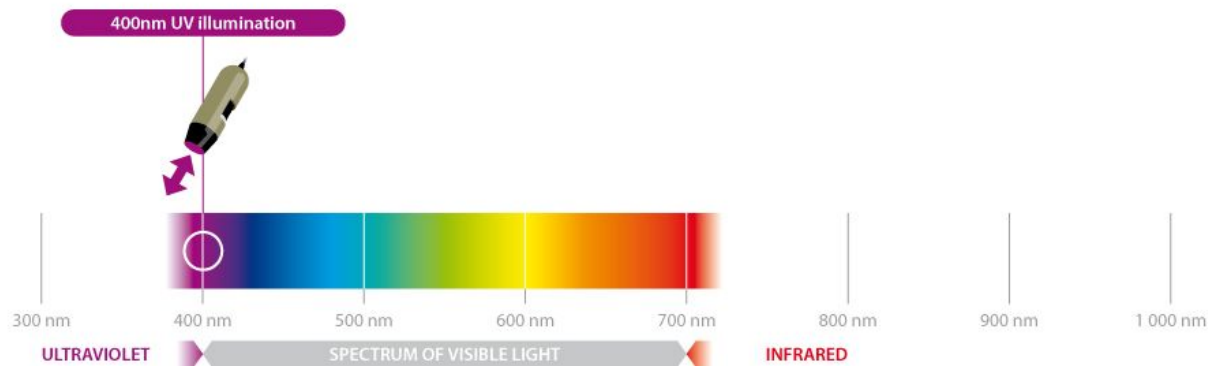
<b>Magnification Rate</b>	<b>Working Distance</b>	<b>Field of View(x)</b>	<b>Field of View(y)</b>	<b>Depth of Field</b>
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
<b>Listed values may differ slightly</b>				<b>Unit = mm</b>

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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