

## AM4115T-FVW - EDGE



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 Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design.

» Also available as LWD (model AM4115TL-FVW)

### ADDITIONAL INFO

#### DETAILS

Dino-Lite range: Dino-Lite Special light

#### 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: MSA111A1 (optional accessory)  
 Emission filter: Yes, Emission barrier filter 375 nm  
 Polarizer: No

#### OPTICS

Magnification: 20-220x  
 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

<b>Interface:</b>	USB 2.0
<b>Operating system:</b>	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
<b>Included software:</b>	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
<b>Supported image formats (Windows):</b>	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
<b>Supported video formats (Windows):</b>	WMV, FLV, SWF
<b>Supported image formats (MacOS):</b>	JPEG, PNG
<b>Supported video formats (MacOS):</b>	MOV
<b>Imaging standards:</b>	DirectShow, UVC

## HOUSING

<b>Housing material:</b>	Composite/ plastic housing
<b>Magnification lock:</b>	Yes
<b>Dimensions:</b>	10.5cm (L) x 3.2cm (D)
<b>Weight:</b>	105g
<b>Cable length:</b>	1.8m

## FEATURES

<b>Special feature:</b>	No
<b>Measurement:</b>	Yes
<b>Calibration:</b>	Yes
<b>Microtouch sensor:</b>	Yes
<b>ESD safe:</b>	No

## INFORMATION

<b>Package contents:</b>	Microscope, Carry pouch, Software CD, Calibration target, User manual
<b>Warranty information:</b>	2 years European warranty
<b>Regulatory approval:</b>	CE, FCC, ROHS

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

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm

## Special Light:

