AM4013MTL-FVW

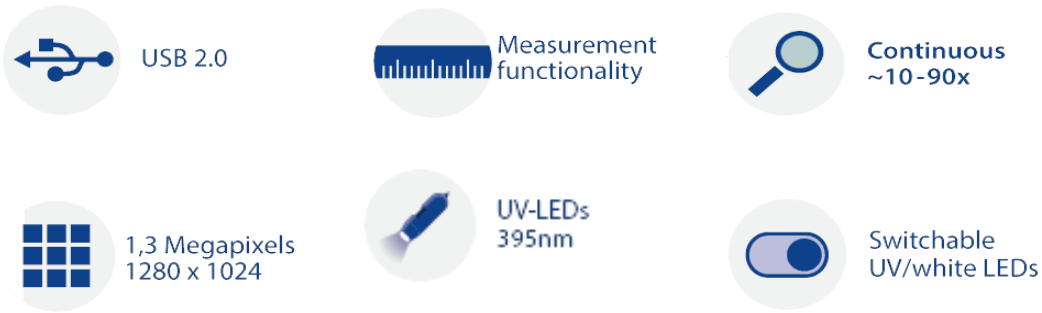
Brand: Dino-Lite
Product Code: AM4013MTL-FVW

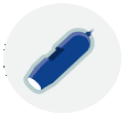
Short Description

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

Description

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.





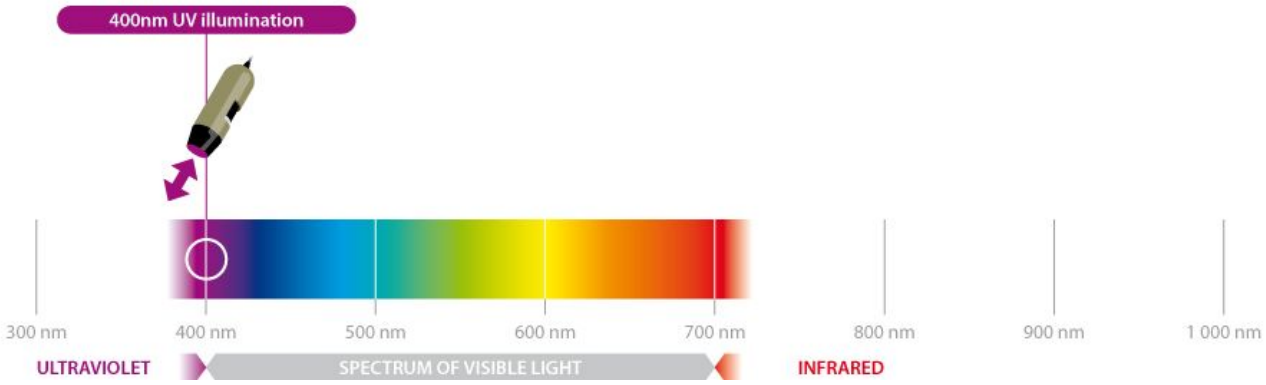
Metal housing

Long working distance

Working distance/field of view/depth of field

MAGNIFICATION RATE **Listed values may differ slightly**	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD **Unit = mm**
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



Specification

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	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 7, 8, 10 & 11, 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
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
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

Product Gallery