Dino-Lite Europe - Phone: - Email:

AM4113TL-FVW

Product Code: AM4113TL-FVW

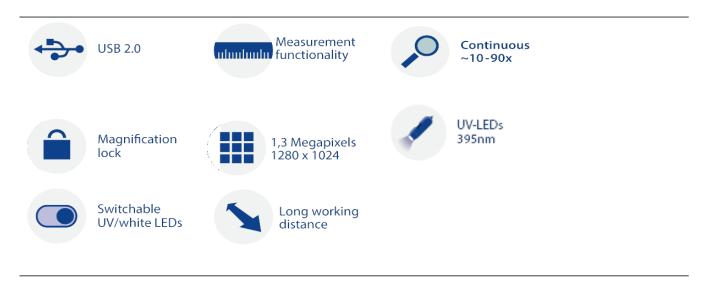


Short Description

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

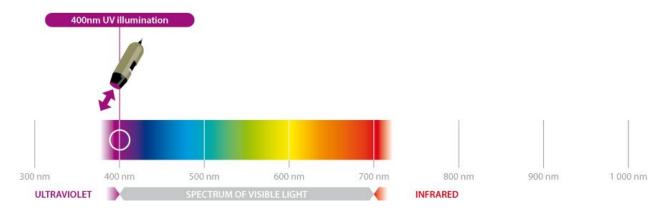
Description

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.



Working distance/field of view/depth of field					
MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF	
ON RATE	DISTANCE	VIEW(X)	VIEW(Y)	FIELD	
Listed values				Unit = mm	
may differ					
slightly					
20	151.0	19.6	15.6	6	
30	101.0	13.0	10.4	3.4	
40	77.2	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	48.6	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, Emission barrier filter 400 nm
Polarizer	No
Optics	
Magnification	$10x \sim 90x$
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			
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)			
Supported image formats	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,			
(Windows)	PCX, MNG, WBMP, JP2, JPC, PGX			
Supported video formats (Windows)	WMV, FLV, SWF			
Supported image formats	JPEG, PNG			
(MacOS)				
Supported video formats	MOV			
(MacOS)				
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, Microscope, carry pouch,			
	software CD, calibration target, user manual, N3C-			
	C (Close Cap) N3C-EB (Extended Open Black			
	Cap) N3C-L (Long Cap) N3C-OB (Black Open			
	Cap) N3C-S (Sidelight Cap)			
Warranty information	2 years European warranty			
Regulatory approval	CE, FCC, ROHS			
Price range	€400,00 - €600,00			