AM4113T-FV2W

Product Code: AM4113T-FV2W

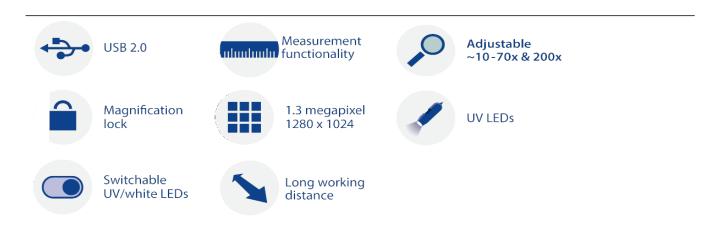


Short Description

1.3 Megapixel resolution~375nm + white LEDs10-70x & 200x magnification

Description

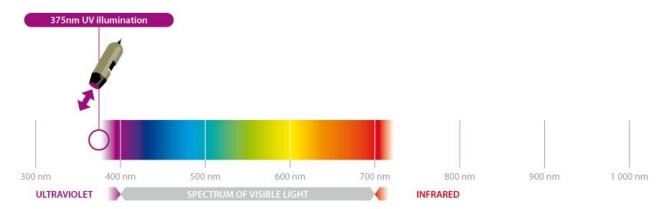
The VW series has two types of LED lights that are switchable between white and UV light. This model has a filter to filter out the returning UV light so that an image with natural colors can be obtained.



» Also available with ~ 390-400nm LEDs (model AM4113T-FVW)

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	48.7	19.6	15.6	3.6	
30	21.7	13.0	10.4	1.9	
40	9.0	9.8	7.8	-	
50	1.9	7.8	6.3	0.88	
60	-2.3	6.5	5.2	-	
220	-0.1	1.8	1.4	0.2	
230	1.0	1.7	1.4	-	
240	2.1	1.6	1.3	-	

Special Light



Specification

Specification				
Lighting				
Light/ LED type	~375 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 375 nm			
Polarizer	No			
Optics				
Magnification	$20x \sim 50x, 200x$			
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 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 (MacOS)	JPEG, PNG			
Supported video formats (MacOS)	MOV			
Imaging standards	DirectShow, UVC			
Housing				
Housing material	Composite/ plastic housing			
Magnification lock	Yes			
Dimensions	103 mm (H) x 32 mm (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, 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			

Product Gallery







