## AM4113FVT

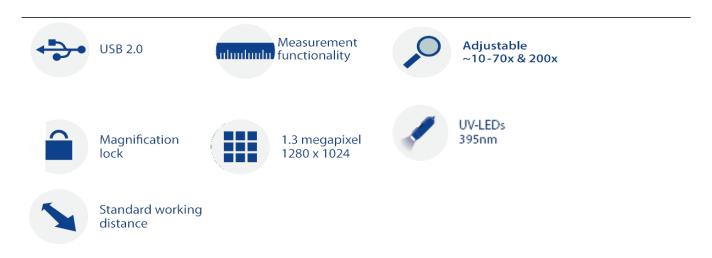
Brand: Dino-Lite Product Code: AM4113FVT



**Short Description** 1.3 Megapixel resolution 395 nm UV LEDs 10-70x & 200x magnification

## Description

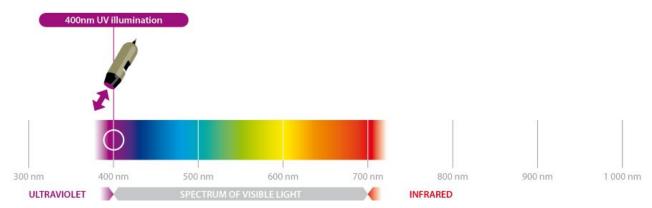
The AM4113FVT has special lighting with LED's emitting UV light around the 395nm spectrum.



» Also available with ~375 nm LEDs (model AM4113FVT2).

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	0.20	
230	1.0	1.7	1.4	-	
240	2.1	1.6	1.3	-	





## Specification

Lighting	
Light/ LED type	395 nm UV
Number of LEDs	8
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	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 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	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	€500,00 - €700,00		
Product Gallery			