

# 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.



USB 2.0



Measurement  
functionality



Adjustable  
~10-70x & 200x



Magnification  
lock



1.3 megapixel  
1280 x 1024



UV-LEDs  
395nm



Standard working  
distance

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

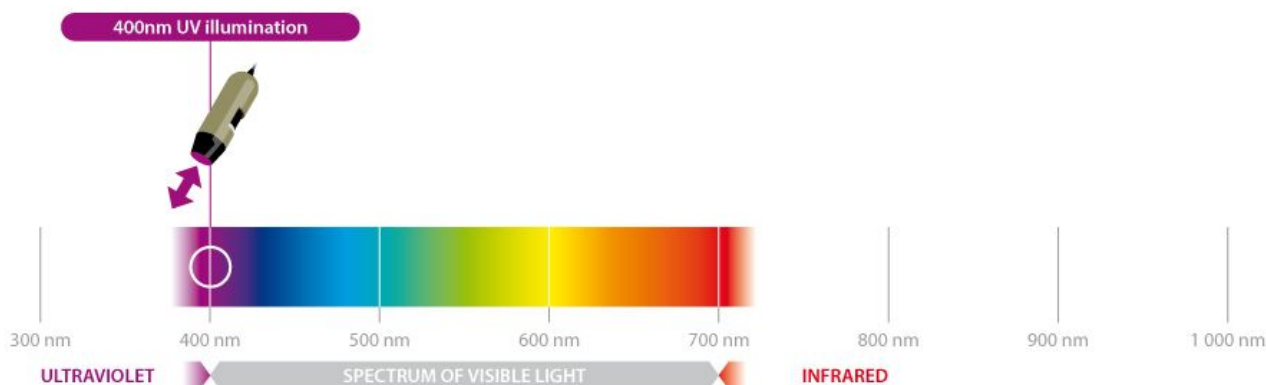
## Working distance/field of view/depth of field

MAGNIFICATION RATE      WORKING DISTANCE      FIELD OF VIEW(X)      FIELD OF VIEW(Y)      DEPTH OF FIELD  
Unit = mm

Listed values  
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	-

## Special Light



## 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 (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
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