Dino-Lite Europe - Phone: - Email:

AM4115T-CFVW

Marca:

Codice del prodotto: AM4115T-CFVW

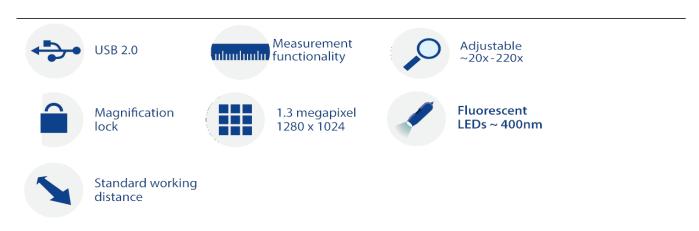


Short Description

1.3 Megapixel resolution400nm excitation and 430nm emission filter20-220x magnificationTo observe DAPI

Descrizione

The Dino-Lite AM4115T-CFVW digital microscope is optimized for research and viewing fluorescent objects by using 400nm near UV excitation LEDs. It has a long-pass type 430nm emission filter that is designed to observe a wide range of fluorophores with applications in developmental biology, pathology, and anatomy.



The AM4115T-CFVW has the capability of switching the light source from the 400nm

near UV excitation LEDs to the white LED, which is convenient for locating the object and obtaining an easy focus. All of these factors make the AM4115T-CFVW the smallest fluorescence microscope in the world, capable of many applications and visualizing a vast range of fluorescence.

» Special models available on request.

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	* Without front			Unit = mm		
may differ	cap					
slightly						
20	60.2	19.5	15.6	2.5		
30	33.5	13.0	10.4	1.8		
40	20.9	9.8	7.8	1.5		
50	13.9	7.8	6.3	-		
60	9.7	6.5	5.2	-		
70	7.1	5.6	4.5	1.0		
80	5.5	4.9	3.9	-		
90	4.5	4.3	3.5	-		
100	4.1	3.9	3.1	-		
110	4.0	3.6	2.8	-		
120	4.1	3.3	2.6	-		
130	4.5	3.0	2.4	-		
140	5.0	2.8	2.2	-		
150	5.6	2.6	2.1	-		
160	6.3	2.4	2.0	-		
170	7.1	2.3	1.8	-		
180	8.0	2.2	1.7	-		
190	8.9	2.1	1.6	-		
200	9.9	2.0	1.6	-		
210	10.9	1.9	1.5	-		
220	11.9	1.8	1.4	0.1		

Special Light



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Lighting			
Light/ LED type	400nm excitation + white		
Number of LEDs	7 FL + 1 White		
LED on/off switchable:	Yes		
Infrared filter	No		
Diffuser available	No		
Emission filter	430nm, LP		
Polarizer	No		
Fluorophores	DAPI		
Optics			
Magnification	20-220x		
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	MOV		

(MacOS)			
Imaging standards	DirectShow, UVC		
Wifi	Wireless-ready, requires the WF-10 WiFi streamer		
	(optional)		
Housing			
Housing material	Composite/ plastic housing		
Magnification lock	Yes		
Dimensions	10.5cm (L) x 3.2cm (D)		
Weight	100g		
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	€700,00 - €900,00		

Product Gallery

