Dino-Lite Europe - Phone: - Email:

AM4115T-GRFBY

Marca:

Codice del prodotto: AM4115T-GRFBY

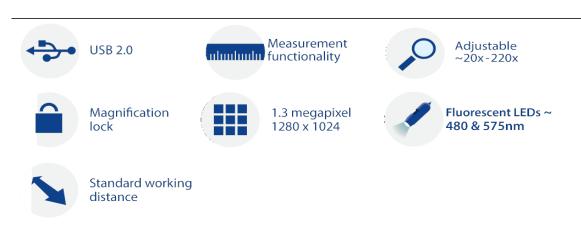


Short Description

1.3 Megapixel resolution465nm excitation + 580NM excitation20-220x MagnificationTo observe GFP/FITC & TxRed/mCherry

Descrizione

The Dino-Lite AM4115T-GRFBY digital microscope is optimized for research and viewing fluorescent objects by using 480nm and 575nm LEDs. It has a 510nm and 610nm emission filter that is designed to observe a wide range fluorophores with applications in developmental biology, pathology, and anatomy.



The AM4115T-GRFBY has the capability of switching the light source from the 465nm

+ 580NM excitation, which is convenient for dual color stained fluorescence. All of these factors make the AM4115T-GRFBY 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	465nm excitation + 580NM excitation		
Number of LEDs	4 FL + 4 FL		
LED on/off switchable:	Yes		
Infrared filter	No		
Diffuser available	No		
Emission filter	510nm & 610nm		
Polarizer	No		
Fluorophores	GFP/FITC & TxRed/mCherry		
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	JPEG, PNG		
(MacOS) 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	€800,00 - €1000,00			