Dino-Lite Europe - Phone: - Email:

AM4115T-DFRW

Kód produktu: AM4115T-DFRW

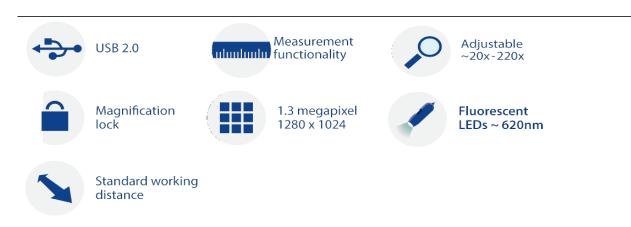


Short Description

1.3 Megapixel resolution620nm excitation and 650nm emission filter20-220x magnificationTo observe Cy5

Popis

The Dino-Lite AM4115T-DFRW digital microscope is optimized for research and viewing fluorescent objects by using 620nm excitation LEDs. It has a long-pass type 650nm emission filter that is designed to observe a wide range of fluorophores with applications in developmental biology, pathology, and anatomy.



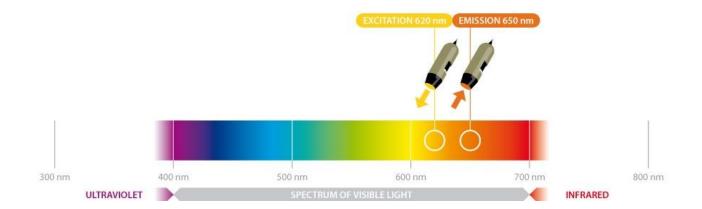
The AM4115T-DFRW has the capability of switching the light source from the 620nm

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-DFRW the smallest fluorescence microscope in the world, capable of many applications and visualizing a vast range of fluorescence.

» Special models available on request.

Working distan	ce/field of view/do	epth of field		
MAGNIFICATI	working distance	FIELD OF	FIELD OF	DEPTH OF
ON RATE		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



Specifikace

Specifikace	
Lighting	
Light/ LED type	620nm excitation + white
Number of LEDs	7 FL + 1 White
LED on/off switchable:	Yes
Infrared filter	No
Diffuser available	No
Emission filter	650nm, LP
Polarizer	No
Fluorophores	Cy5
Optics	
Magnification	$20x \sim 220x$
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	
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, calibration target, user manual, N3C-C (Close Cap) N3C-EB (Extended Open Black Cap) N3C-LB (Black Long Cap) N3C- OB (Black Open Cap)	
Warranty information	rranty information 2 years European warranty	
Regulatory approval	CE, FCC, ROHS	
Price range	€700,00 - €900,00	