Dino-Lite Europe - Phone: - Email:

### AM4115T-CFVW

**Product Code:** AM4115T-CFVW

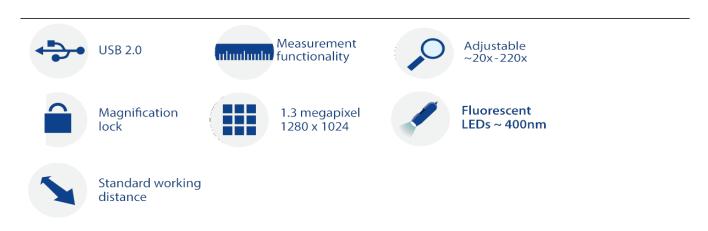


#### **Short Description**

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

#### **Description**

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.



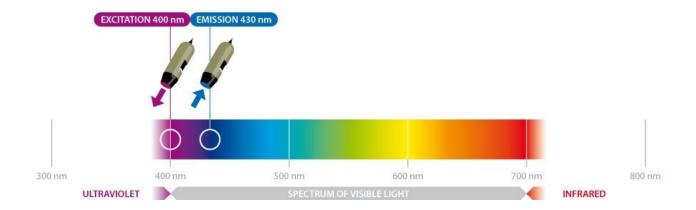
The AM4115T-CFVW has the capability of switching the light source from the 400nm

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		
<b>Listed values</b>	* 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**



## **Specification**

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	$20x \sim 220x$		
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		
Supported image formats	OS)  DMD CIE DNC IDC TIE DAS DNM TCA		
Supported image formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX		
(Windows)	WMV, FLV, SWF		
Supported video formats (Windows)	W WIV, FLV, SWF		
Supported image formats	JPEG, PNG		
(MacOS)	1.6011		
Supported video formats	MOV		

(MacOS)	
Imaging standards	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Housing	( - F
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	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€700,00 - €900,00

# Price range Product Gallery

