Dino-Lite Europe - Phone: - Email:

## AM4115T-YFGW

Marke:

**Artikelnummer:** AM4115T-YFGW

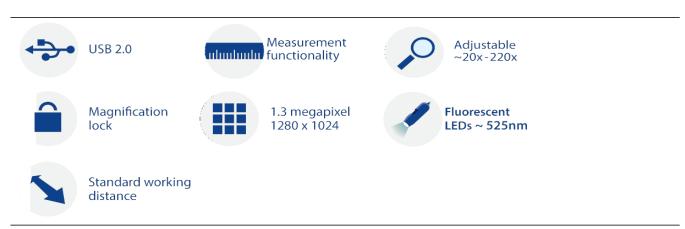


#### **Short Description**

1.3 Megapixel resolution525nm excitation570nm emission filter20-220x magnificationTo observe Cy3, TRITC

#### **Beschreibung**

The Dino-Lite AM4115T-YFGW digital microscope is optimized for research and viewing fluorescent objects by using 525nm LEDs. It has a 570nm emission filter that is designed to observe but not limited to Cy3 and TRITC.



Compared to the traditional fluorescence microscope's band-pass type of emission filters, the Dino-Lite's long-pass type emission filter provides visibility and sensitivity over a

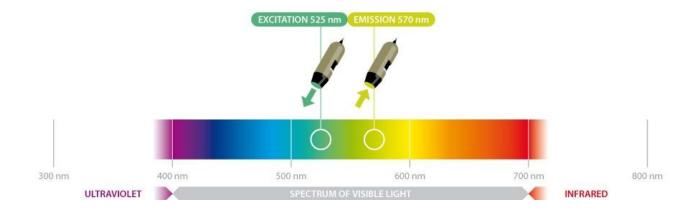
larger range of the fluorescence wavelength. The AM4115T-YFGW has the capability of switching the light source from the 525nm green excitation LED's to the white LED, which is convenient for locating the object and obtaining an easy focus.

### » Special models available on request.

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

Magnification Rate	Working Distance *	Field of View(x)	Field of View(y)	Depth of Field
Listed values may differ slightly	* Without front cap		<b>V</b> /	Unit = mm
20	60.2	19.5	14.6	2.5
30	33.5	13.0	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	5.8	-
60	9.7	6.5	4.8	-
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	-
90	4.5	4.3	3.2	-
100	4.1	3.9	2.9	-
110	4.0	3.6	2.7	-
120	4.1	3.3	2.4	-
130	4.5	3.0	2.2	-
140	5.0	2.8	2.1	-
150	5.6	2.6	1.9	-
160	6.3	2.4	1.8	-
170	7.1	2.3	1.7	-
180	8.0	2.2	1.6	-
190	8.9	2.1	1.5	-
200	9.9	2.0	1.5	-
210	10.9	1.9	1.4	-
220	11.9	1.8	1.3	0.1

## **Special Light**



#### **Spezifikation**

Spezifikation			
Lighting			
Light/ LED type	525nm excitation + white		
Number of LEDs	7 FL + 1 White		
LED on/off switchable:	Yes		
Infrared filter	No		
Diffuser available	No		
Emission filter	570nm, LP		
Polarizer	No		
Fluorophores	Cy3, TRITC		
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	2 years European warranty			
Regulatory approval	CE, FCC, ROHS			
Price range	€700,00 - €900,00			

# Product Gallery

