# AM4515T4-GFBW

Brand: Dino-Lite Product Code: AM4515T4-GFBW

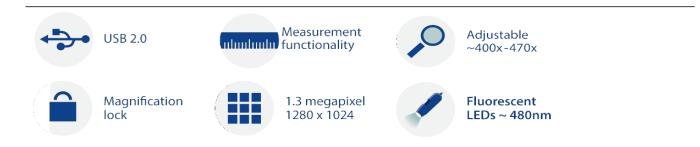


### **Short Description**

1.3 Megapixel resolution480nm excitation and 510nm emission filter400-470x magnificationTo observe GFP, FITC

#### Description

The Dino-Lite AM4515T4-GFBW digital microscope is optimized for research and viewing fluorescent objects by using 480nm excitation LEDs. It has a long-pass type 510nm emission filter that is designed to observe a wide range fluorophores with applications in developmental biology, pathology, and anatomy. With its high magnification of 400~470x, it reveals even the smallest details on all kinds of objects.





distance The AM4515T4-GFBW has the capability of switching the light source from the 480nm excitation LEDs to the white LED, which is convenient for locating the object and obtaining an easy focus. All of these factors make the AM4515T4-GFBW the smallest fluorescence microscope in the world, capable of many applications and visualizing a vast range of fluorescence.

## » Special models available on request.

Standard working

Working distance/field of view/depth of field				
WORKING	FIELD OF	FIELD OF	DEPTH OF	
DISTANCE *	VIEW(X)	VIEW(Y)	FIELD	
* Without front			Unit = mm	
cap				
5.1	0.971	0.713	0.0261	
6.0	0.951	0.697	-	
7.3	0.926	0.680	-	
8.0	0.905	0.664	-	
8.8	0.884	0.648	-	
10.0	0.867	0.636	-	
11.3	0.847	0.621	-	
11.8	0.828	0.608	0.0289	
	WORKING DISTANCE * * Without front cap 5.1 6.0 7.3 8.0 8.8 10.0 11.3	WORKING DISTANCE *FIELD OFWithout front capVIEW(X)5.10.9716.00.9517.30.9268.00.9058.80.88410.00.86711.30.847	WORKING DISTANCE *FIELD OF VIEW(X)FIELD OF VIEW(Y)* Without front cap0.9710.7135.10.9710.7136.00.9510.6977.30.9260.6808.00.9050.6648.80.8840.64810.00.8670.63611.30.8470.621	

# **Special Light**



Light/ LED type	480nm excitation + white
Number of LEDs	7 FL + 1 White
LED on/off switchable:	Yes
Infrared filter	No
Diffuser available	No
Emission filter	510nm, LP
Polarizer	No
Fluorophores	GFP, FITC
Optics	
Magnification	400-470x
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
Included 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	WMV, FLV, SWF
(Windows)	
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	105g
Cable length	1.8m
Features	
Special feature	Automatic Magnification Reading (AMR)
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	