

# AM4515T4-GFBW

**Merk:** Dino-Lite

**Productcode:** AM4515T4-GFBW



## Korte omschrijving

1.3 Megapixel resolution

480nm excitation and 510nm emission filter

400-470x magnification

To observe GFP, FITC

## Omschrijving

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.



USB 2.0



Measurement  
functionality



Adjustable  
~400x-470x



Magnification  
lock



1.3 megapixel  
1280 x 1024



Fluorescent  
LEDs ~ 480nm



Standard working distance



Automatic Magnification Reading (AMR)

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.*

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

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
<b>Listed values may differ slightly</b>	<b>* Without front cap</b>			<b>Unit = mm</b>
400	5.1	0.971	0.713	0.0261
410	6.0	0.951	0.697	-
420	7.3	0.926	0.680	-
430	8.0	0.905	0.664	-
440	8.8	0.884	0.648	-
450	10.0	0.867	0.636	-
460	11.3	0.847	0.621	-
470	11.8	0.828	0.608	0.0289

### Special Light



### Specificatie

Verlichting	
Licht / LED-type	480nm excitation + white
Aantal leds	7 FL + 1 White
LED aan / uit schakelbaar:	Yes
Infrarood filter	No
Diffusor beschikbaar	No
Emissiefilter	510nm, LP
Polarisator	No
Fluorophores	GFP, FITC
Optiek	
Vergroting	400-470x
Macro zoom	No
Werkafstand	Standard
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	1.3 Megapixel (1280x1024)
Maximale framesnelheid	30 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.9 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Ondersteunde beeldformaten (MacOS)	JPEG, PNG
Ondersteunde videoformaten (MacOS)	MOV
Beeldvormingsnormen	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Behuizing	
Materiaal van de behuizing	Composite/ plastic housing
Vergrotingsslot	Yes
Afmetingen	10.5cm (L) x 3.2cm (D)
Gewicht	105g
Kabellengte	1.8m
Kenmerken	
Bijzonderheid	Automatic Magnification Reading (AMR)

Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	No
<b>Informatie</b>	
Inhoud van de verpakking	Microscope, carry pouch, software CD, calibration target, user manual
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€800,00 - €1000,00