

# AM4115T-GFBW

**Merk:**

**Productcode:** AM4115T-GFBW



## Korte omschrijving

1.3 Megapixel resolution

480nm excitation and 510nm emission filter

20-220x magnification

To observe GFP, FITC

## Omschrijving

The Dino-Lite AM4115T-GFBW digital microscope is optimized for research and viewing fluorescent objects by using 480nm LEDs. It has a 510nm emission filter that is designed to observe including but not limited to GFP (green fluorescent protein).



USB 2.0



Measurement  
functionality



Adjustable  
~20x-220x



Magnification  
lock



1.3 megapixel  
1280 x 1024



Fluorescent  
LEDs ~ 480nm



Standard working  
distance

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. Green fluorescent objects pop out under the microscope and you can clearly see its green glow. The AM4115T-GFBW has the capability of switching the light source from the 480nm 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
<b>Listed values may differ slightly</b>	<b>* Without front cap</b>			<b>Unit = mm</b>
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**

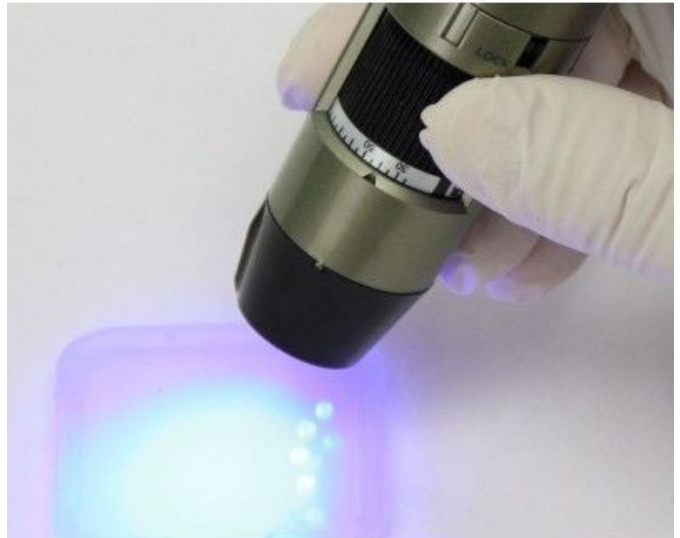
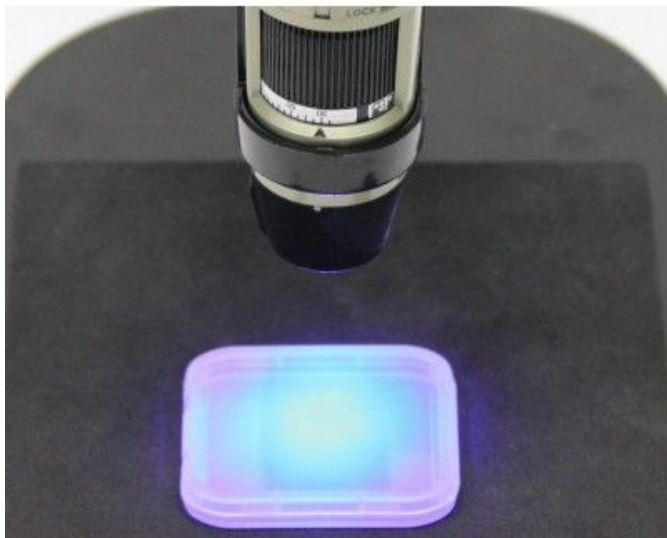


## Specificatie

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	
Magnification	20x ~ 220x
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	MOV

videoformaten (MacOS)	
Beeldvormingsnormen	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
<b>Behuizing</b>	
Materiaal van de behuizing	Composite/ plastic housing
Vergrotingslot	Yes
Afmetingen	10.5cm (L) x 3.2cm (D)
Gewicht	100g
Kabellengte	1.8m
<b>Kenmerken</b>	
Bijzonderheid	No
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	€700,00 - €900,00

### Product galerij



B489 1280x1024 2011/12/10 12:50:36



B425 1280x1024 2011/12/10 10:27:22

