

AM4115T-YFGW

Merk:

Productcode: AM4115T-YFGW



Korte omschrijving

1.3 Megapixel resolution
525nm excitation
570nm emission filter
20-220x magnification
To observe Cy3, TRITC

Omschrijving

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.



USB 2.0



Measurement
functionality



Adjustable
~20x-220x



Magnification
lock



1.3 megapixel
1280 x 1024



Fluorescent
LEDs ~ 525nm



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

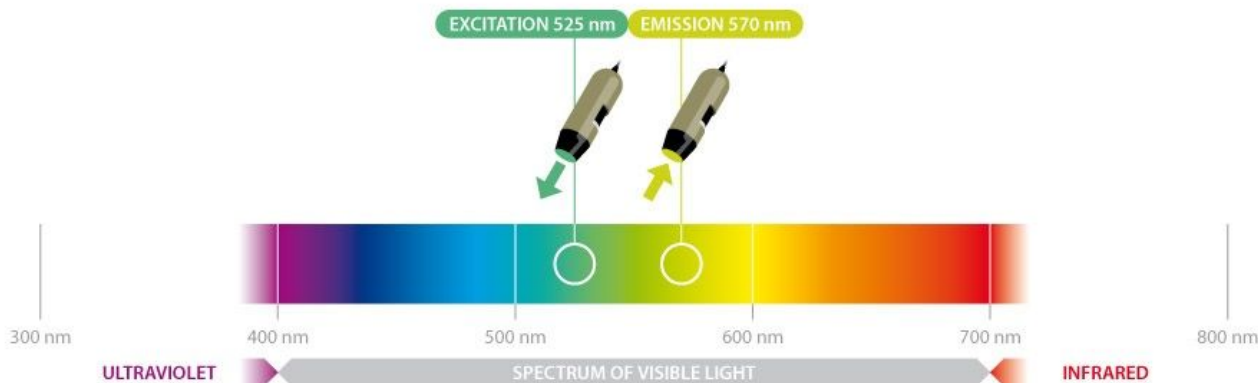
larger range of the fluorescence wavelength. The AM4115T-YFGW has the capability of switching the light source from the 525nm green excitation LED's to the white LED, which is convenient for locating the object and obtaining an easy focus.

» *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 | | | 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



Specificatie

| Verlichting | |
|--------------------------------------|---|
| Licht / LED-type | 525nm excitation + white |
| Aantal leds | 7 FL + 1 White |
| LED aan / uit schakelbaar: | Yes |
| Infrarood filter | No |
| Diffusor beschikbaar | No |
| Emissiefilter | 570nm, LP |
| Polarisator | No |
| Fluorophores | Cy3, TRITC |
| 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) |
| Behuizing | |
| Materiaal van de behuizing | Composite/ plastic housing |
| Vergrotingslot | Yes |
| Afmetingen | 10.5cm (L) x 3.2cm (D) |
| Gewicht | 100g |
| Kabellengte | 1.8m |
| Kenmerken | |
| Bijzonderheid | No |
| Meting | Yes |
| Kalibratie | Yes |
| Microtouch-sensor | Yes |
| ESD veilig | No |
| Informatie | |
| 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

