AM4515T4-GFBW

Marka:
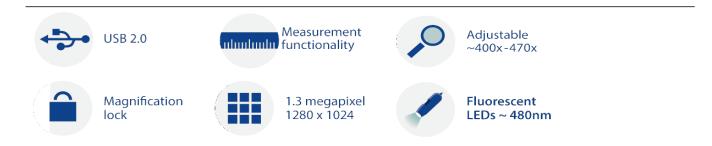**Ürün Kodu:** AM4515T4-GFBW

Short Description
1.3 Megapixel resolution
480nm excitation and 510nm emission filter
400x ~ 470x magnification
To observe GFP, FITC

Aç?klama
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 400x ~ 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

 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 Listed values may differ slightly	WORKING DISTANCE * * Without front cap	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD Unit = mm
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

Özellikler

Lighting	
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	400x ~ 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
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows)	WMV, FLV, SWF
Supported image formats (MacOS)	JPEG, PNG
Supported video formats (MacOS)	MOV
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