

AM4517MT-G2FBW



Merk:

Productcode: AM4517MT-G2FBW

Korte omschrijving

1.3 Megapixel

Green fluorescence

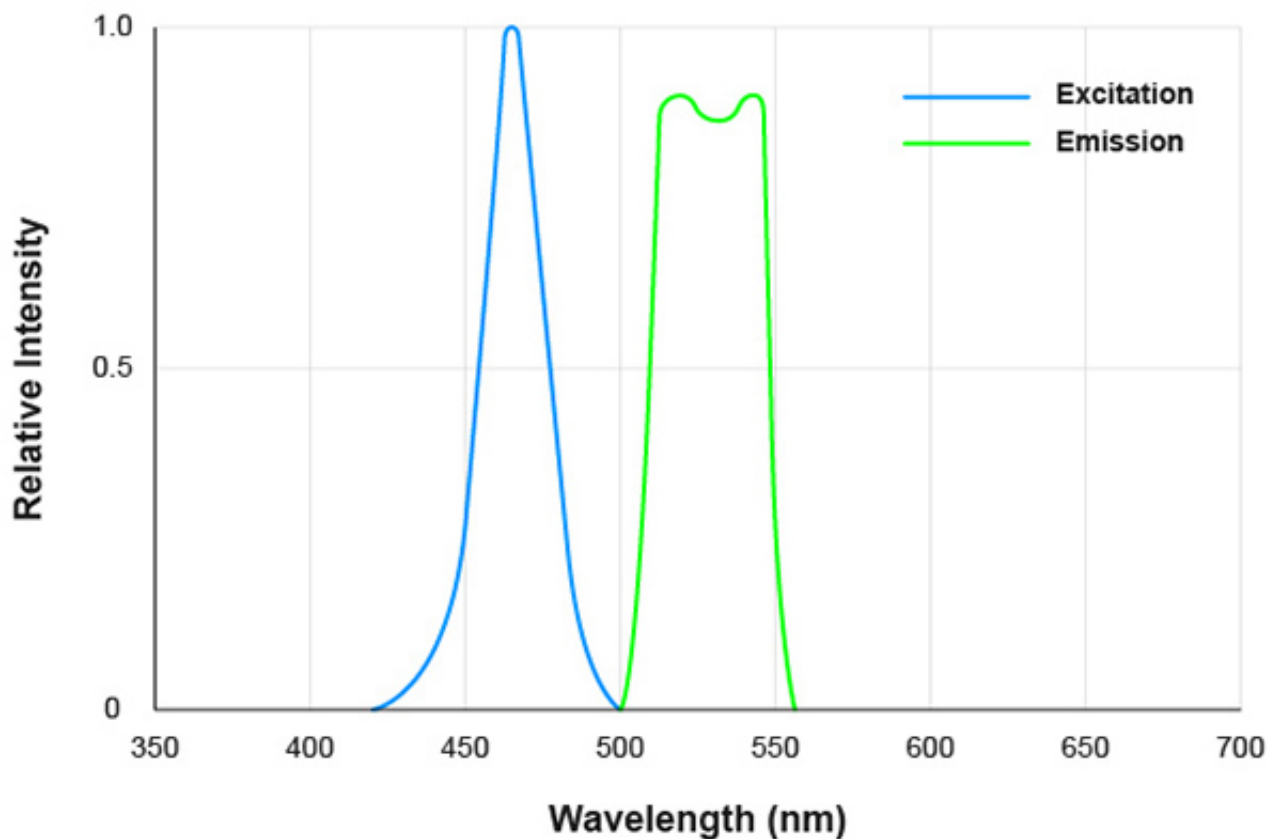
High sensitivity sensor

Adjustable LED intensity

Automatic Magnification Readout (AMR)

Omschrijving

Detect green fluorescence emissions with the AM4517MT-G2FBW high-sensitivity 20x ~ 220x digital microscope. It features 465 nm excitation lights and a 510 nm ~ 545 nm emission filter, suitable for capturing emissions from fluorescent probes such as GFP, FITC, and YFP. This model features AMR to ease measurements.



Adjustable
~20x-220x



USB 2.0



Measurement
functionality



Metal
housing



Magnification
lock



Fluorescent
LEDs



Automatic
Magnification
Reading (AMR)



1,3 Megapixels
1280 x 960



Long working
distance

The main features of the AM4517MT-G2FBW are:

- 1.3 Megapixel
- High Sensitivity Sensor
- Green Fluorescence Detection
- Switchable White Light
- Automatic Magnification Readout (AMR)
- Robust Metal Housing

Optical Data Table

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values	* Without front			Unit = mm

**may differ
slightly**

cap

20	59.8	19.53	14.65	7.05
30	33.1	13.02	9.77	3.36
40	20.5	9.77	7.32	2.02
50	13.4	7.81	5.86	1.38
60	9.2	6.51	4.88	1.01
70	6.7	5.58	4.19	0.79
80	5.1	4.88	3.66	0.64
90	4.1	4.34	3.26	0.53
100	3.7	3.91	2.93	0.45
110	3.6	3.55	2.66	0.39
120	3.7	3.26	2.44	0.34
130	4.1	3.01	2.25	0.3
140	4.5	2.79	2.09	0.27
150	5.2	2.6	1.95	0.25
160	5.9	2.44	1.83	0.22
170	6.7	2.3	1.72	0.21
180	7.5	2.17	1.63	0.19
190	8.5	2.06	1.54	0.18
200	9.4	1.95	1.46	0.16
210	10.5	1.86	1.4	0.15
220	11.5	1.78	1.33	0.14

Specificatie

Verlichting	
Licht / LED-type	465 nm excitation
Aantal leds	7 FL + 1 White
LED aan / uit schakelbaar:	Yes
Infrarood filter	No
Diffusor beschikbaar	No
Emissiefilter	510 nm ~ 545 nm
Polarisator	No
Fluorophores	GFP, FITC, and YFP
Optiek	
Magnification	20x ~ 220x
Werkafstand	Standard
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	1.3 Megapixel (1280x960)

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
Behuizing	
Materiaal van de behuizing	Metal housing
Vergrotingslot	Yes
Afmetingen	104 mm (H) x 32 mm (D)
Gewicht	92g
Kabellengte	1.8m
Kenmerken	
Bijzonderheid	Automatic Magnification Readout (AMR)
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
Informatie	
Inhoud van de verpakking	Microscope, carry pouch, calibration target, user manual, N3C-C (Close Cap) N3C-EB (Extended Open Black Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap)
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€1200,00 - €1400,00