

AM4517MT-G2FBW



Marke:

Artikelnummer: AM4517MT-G2FBW

Short Description

1.3 Megapixel

Green fluorescence

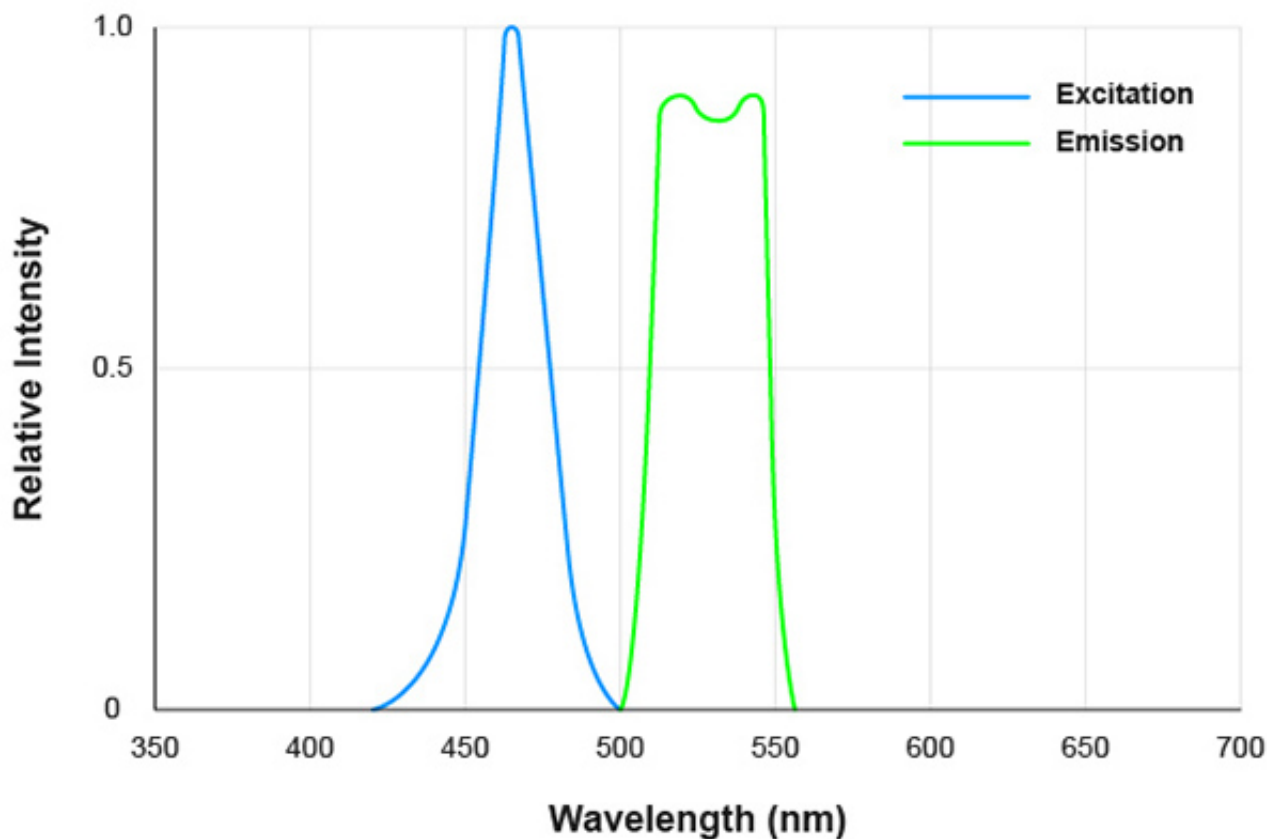
High sensitivity sensor

Adjustable LED intensity

Automatic Magnification Readout (AMR)

Beschreibung

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

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