

AM4517MT-DFRW



Brand:

Product Code: AM4517MT-DFRW

Short Description

1.3 Megapixel Edge sensor

High Sensitivity Sensor

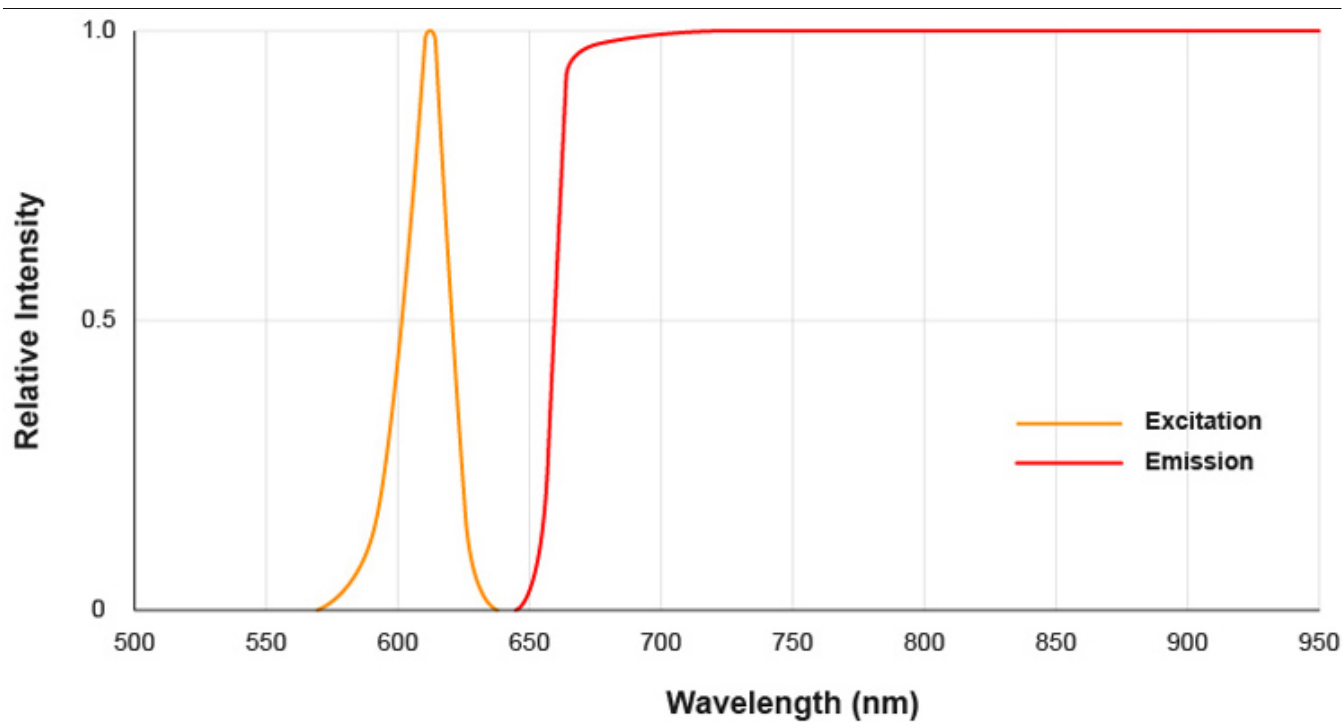
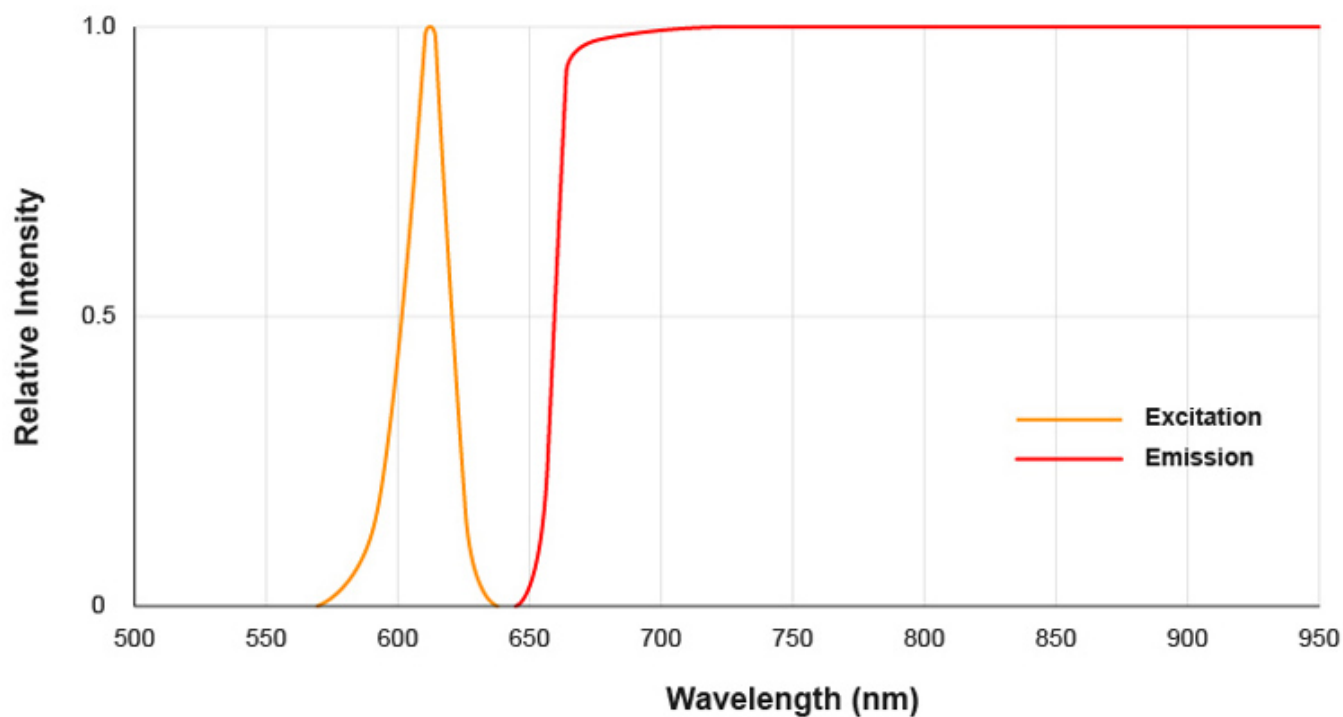
Fluorescence

Automatic Magnification Readout (AMR)

Robust Metal Housing

Description

Detect deep-red or near-infrared (NIR) fluorescence emissions with the AM4517MT-DFRW high-sensitivity 20x ~ 220x digital microscope. Equipped with 620 nm excitation lights and a 655 nm ~ 950 nm emission filter, it captures emissions from fluorescent probes such as CY5, Alexa Fluor 647, and Qdot 655. This model features AMR to ease measurements.



USB 2.0



Magnification
lock



Long working
distance



Exchangeable
cap



Automatic
Magnification
Reading (AMR)



Fluorescent
LEDs



Adjustable
~20x - 220x



1,3 Megapixels
1280 x 960

The main features of the AM4517MT-DFRW are:

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

Optical Data Table

Magnification	Working Distance *	Field of View(x)	Field of View(y)	Depth of Field
Listed values may differ slightly	* Without front cap			Unit = mm
20x	60.4	19.53	14.65	6.34
30x	33.7	13.02	9.77	3.03
40x	21.1	9.77	7.33	1.82
50x	14.1	7.81	5.86	1.24
60x	9.9	6.51	4.88	0.91
70x	7.3	5.58	4.19	0.71
80x	5.7	4.88	3.66	0.57
90x	4.8	4.34	3.26	0.47
100x	4.3	3.91	2.93	0.40
110x	4.2	3.55	2.66	0.35
120x	4.3	3.26	2.44	0.31
130x	4.7	3.01	2.25	0.27
140x	5.2	2.79	2.09	0.24
150x	5.8	2.60	1.95	0.22
160x	6.5	2.44	1.83	0.20
170x	7.3	2.30	1.72	0.18
180x	8.2	2.17	1.63	0.17
190x	9.1	2.06	1.54	0.16
200x	10.1	1.95	1.47	0.15
210x	11.1	1.86	1.40	0.14
220x	12.1	1.78	1.33	0.13