

AM4517MT-RFYW



Marca:

Codice del prodotto: AM4517MT-RFYW

Short Description

1.3 Megapixel Edge sensor

High Sensitivity Sensor

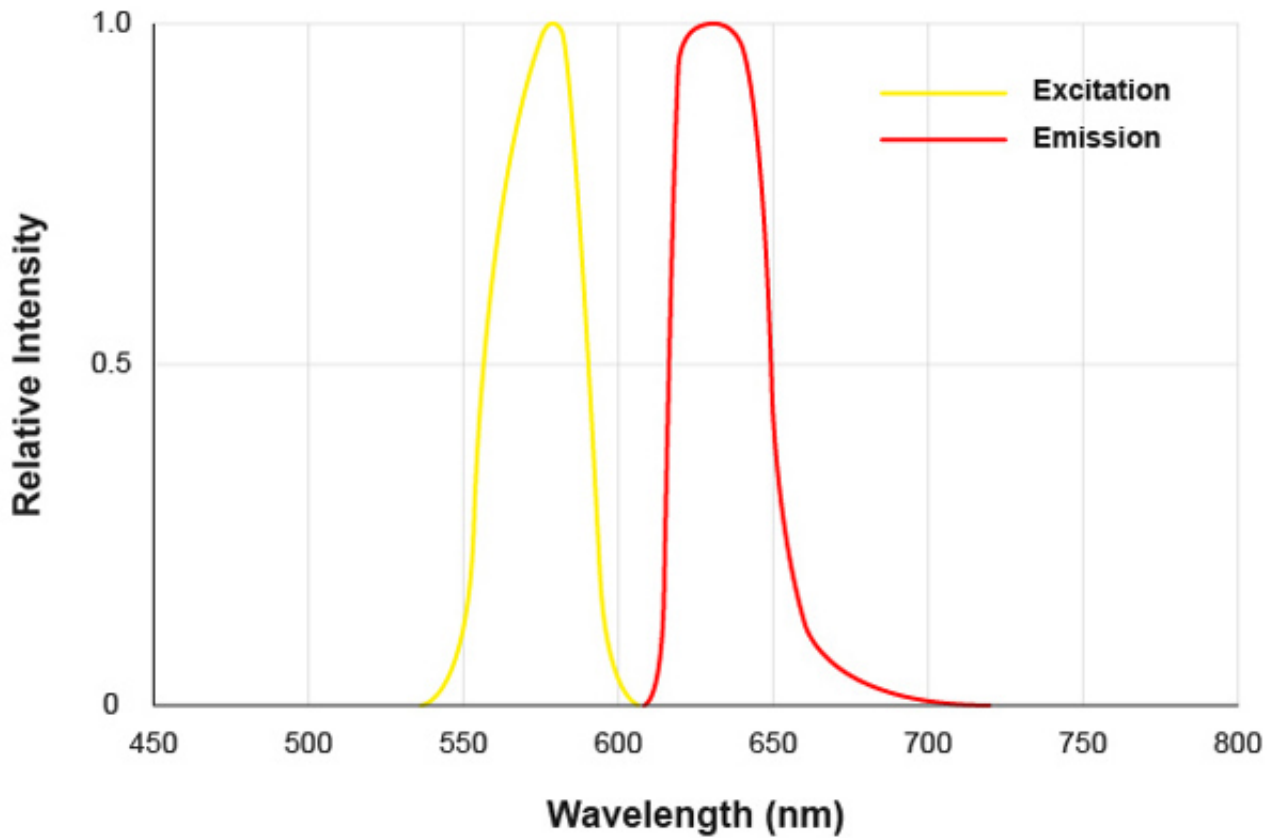
Red Fluorescence









Automatic Magnification Readout (AMR)

Robust Metal Housing

Descrizione

Detect red fluorescence emissions with the AM4517MT-RFYW high-sensitivity 20x ~ 220x digital microscope. It provides 575 nm excitation lights and a 615 nm ~ 650 nm emission filter, capturing emissions from fluorescent probes such as mCherry, Alexa Fluor 594, and Texas Red. This model features AMR to ease measurements.



 USB 2.0	 Magnification lock	 Long working distance
 Exchangeable cap	 Automatic Magnification Reading (AMR)	 Extended Dynamic Range EDR
 1,3 Megapixels 1280 x 960	 Adjustable ~20x-220x	

The main features of the AM4517MT-RFYW 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 Rate	Working Distance *	Field of View(x)	Field of View(y)	Depth of Field
Listed values may differ slightly	* Without front cap			Unit = mm
20x	59.8	19.53	14.65	7.05
30x	33.1	13.02	9.77	3.36
40x	20.5	9.77	7.32	2.02
50x	13.4	7.81	5.86	1.38
60x	9.2	6.51	4.88	1.01
70x	6.7	5.58	4.19	0.79
80x	5.1	4.88	3.66	0.64
90x	4.1	4.34	3.26	0.53
100x	3.7	3.91	2.93	0.45
110x	3.6	3.55	2.66	0.39
120x	3.7	3.26	2.44	0.34
130x	4.1	3.01	2.25	0.30
140x	4.5	2.79	2.09	0.27
150x	5.2	2.60	1.95	0.25
160x	5.9	2.44	1.83	0.22
170x	6.7	2.30	1.72	0.21
180x	7.5	2.17	1.63	0.19
190x	8.5	2.06	1.54	0.18
200x	9.4	1.95	1.46	0.16
210x	10.5	1.86	1.40	0.15
220x	11.5	1.78	1.33	0.14