

AM4517MT-RFYW



Brand:

Product Code: AM4517MT-RFYW

Short Description

1.3 Megapixel Edge sensor

High Sensitivity Sensor

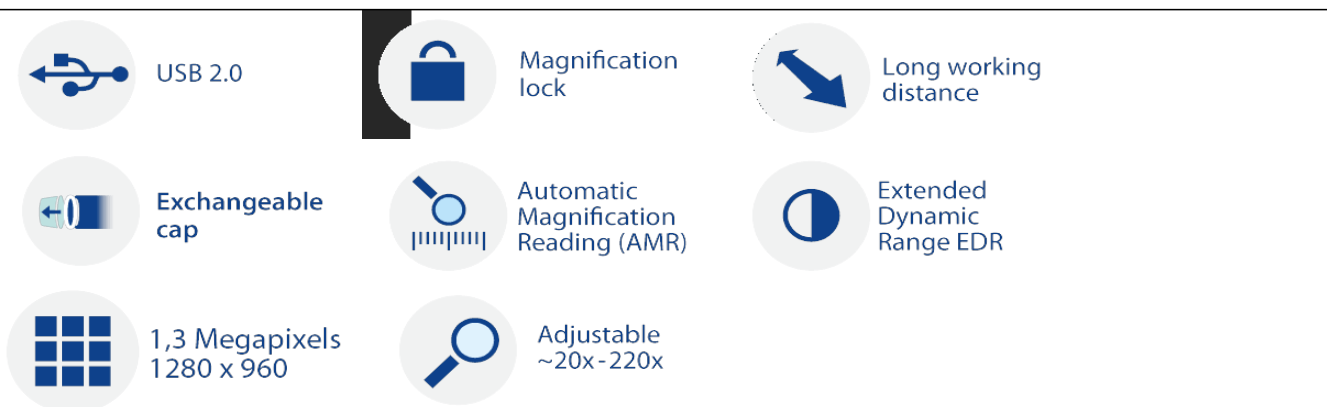
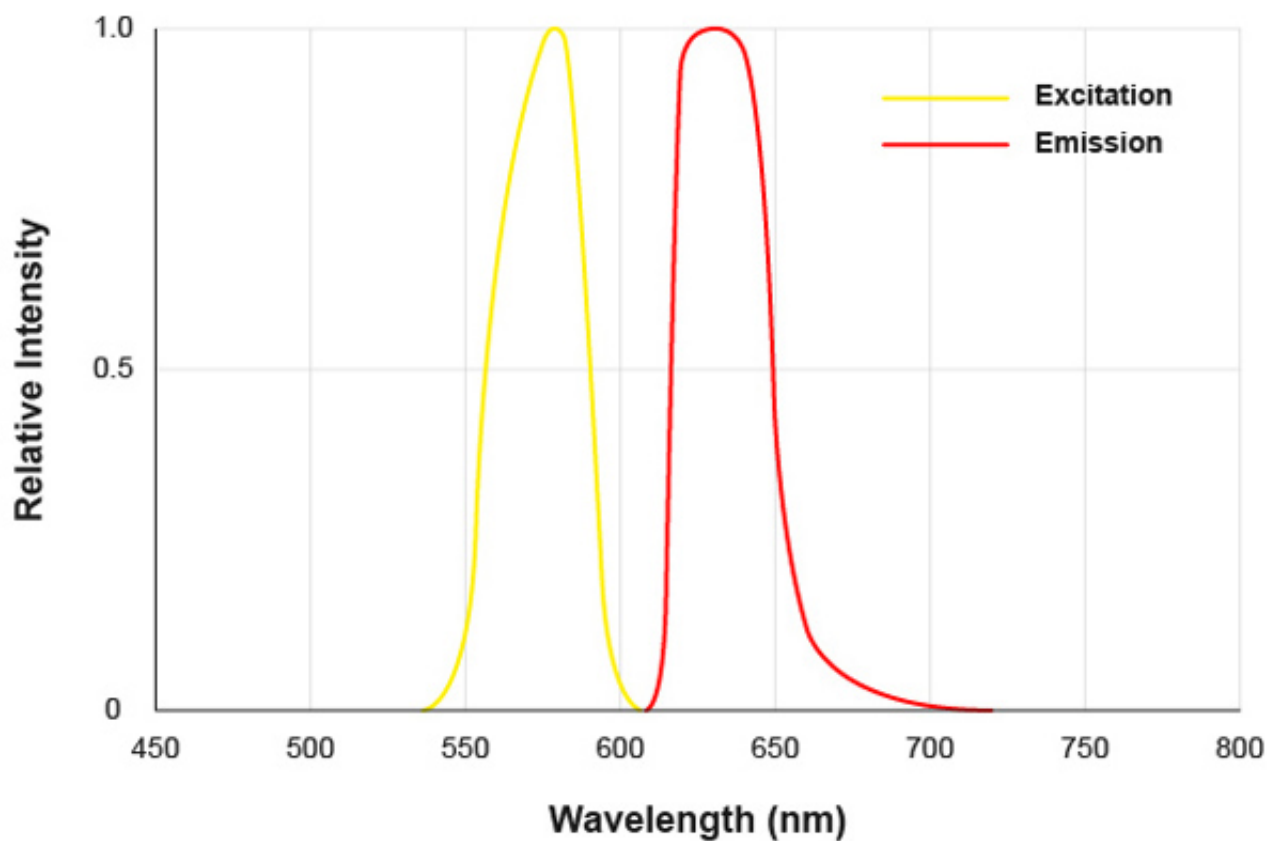
Red Fluorescence

Automatic Magnification Readout (AMR)

Robust Metal Housing

Description

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.



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 Listed values may differ slightly	Working Distance * * Without front cap	Field of View(x)	Field of View(y)	Depth of Field 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