

AM4917MT-BFCW



Brand:

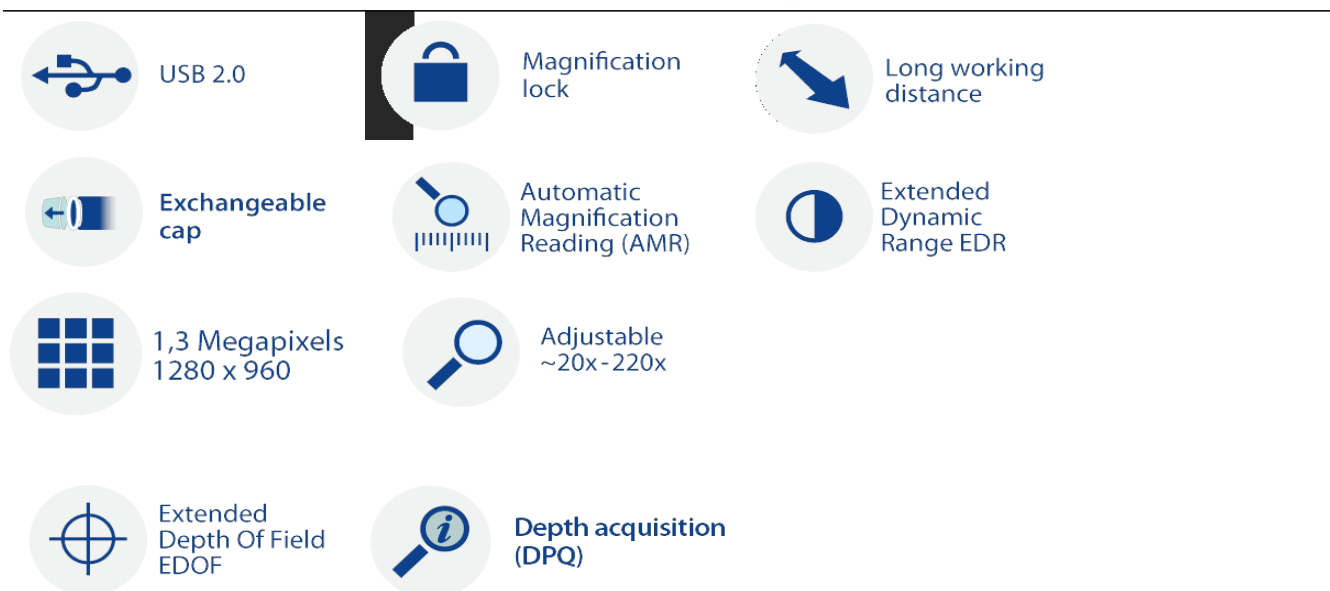
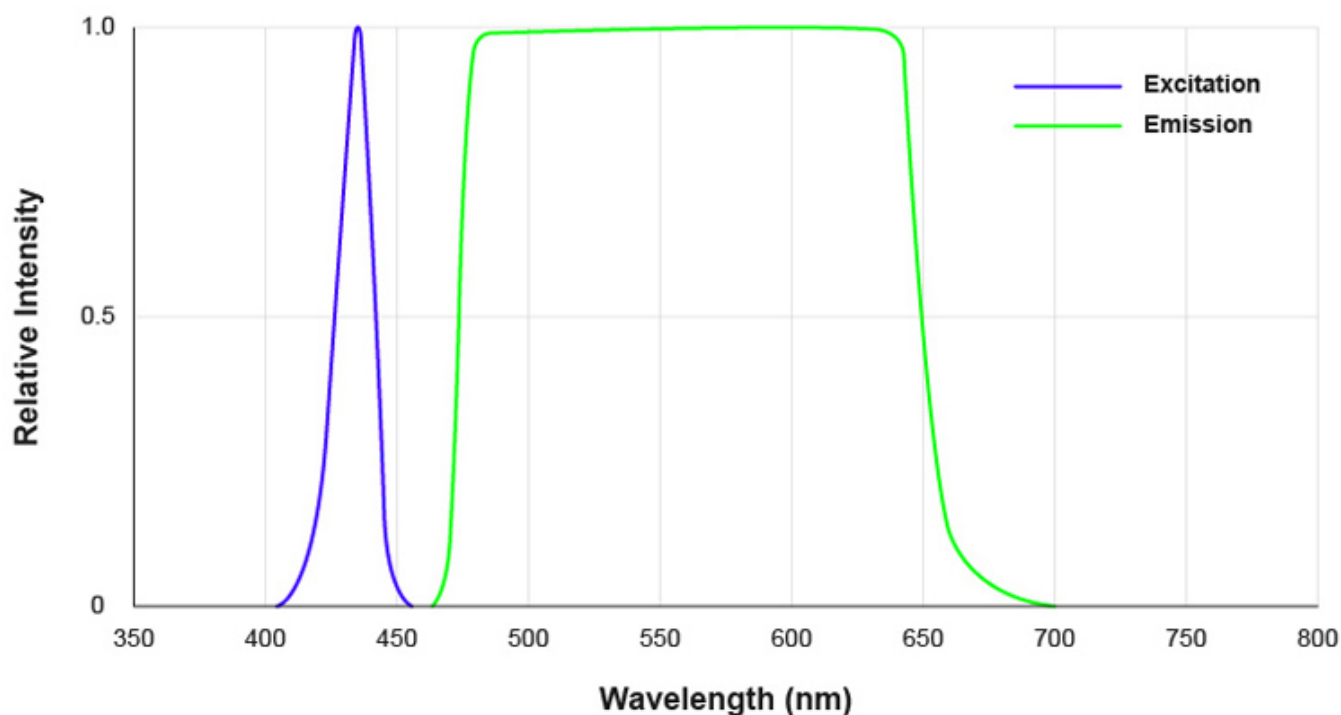
Product Code: AM4917MT-BFCW

Short Description

- 1.3 Megapixel Edge sensor
- High Sensitivity Sensor
- Wide-Ranging Fluorescence Detection
- Automatic Magnification Readout (AMR)
- Depth Acquisition (DPQ)
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Readout (AMR)
- Robust Metal Housing
- Auto and Manual Refocusing

Description

The AM4917MT-BFCW is a fluorescence microscope equipped with extended depth of field technology, enhancing the clarity of the sample visualization. It offers 435 nm excitation lights and a 475 nm ~ 650 nm emission filter, ideal for detecting a variety of fluorescence emissions, such as eCFP, Alexa Fluor 430, and Fura Red. AM4917MT-BFCW comes with AMR, EDOF, EDR, Auto and Manual Refocusing, and DPQ.



The main features of the AM4917MT-BFCW are:

- 1.3 Megapixel
- High Sensitivity Sensor
- Wide-Ranging Fluorescence Detection
- Switchable White Light
- Depth Acquisition (DPQ)
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Auto and Manual Refocusing
- 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	61.4	19.53	14.65	6.35
30x	34.6	13.02	9.77	3.03
40x	22.0	9.77	7.33	1.82
50x	14.9	7.81	5.86	1.24
60x	10.7	6.51	4.88	0.91
70x	8.1	5.58	4.19	0.72
80x	6.5	4.88	3.66	0.60
90x	5.6	4.34	3.26	0.51
100x	5.2	3.91	2.93	0.44
110x	5.0	3.55	2.66	0.39
120x	5.2	3.26	2.44	0.34
130x	5.5	3.01	2.25	0.31
140x	6.0	2.79	2.09	0.28
150x	6.6	2.60	1.95	0.26
160x	7.4	2.44	1.83	0.24
170x	8.2	2.30	1.72	0.22
180x	9.0	2.17	1.63	0.21
190x	10.0	2.06	1.54	0.19
200x	10.9	1.95	1.47	0.18
210x	11.9	1.86	1.40	0.17
220x	13.0	1.78	1.33	0.16