

AM4517MT-CFVW

Merk:

Productcode: AM4517MT-CFVW



Korte omschrijving

1.3 Megapixel Edge sensor

High Sensitivity Sensor

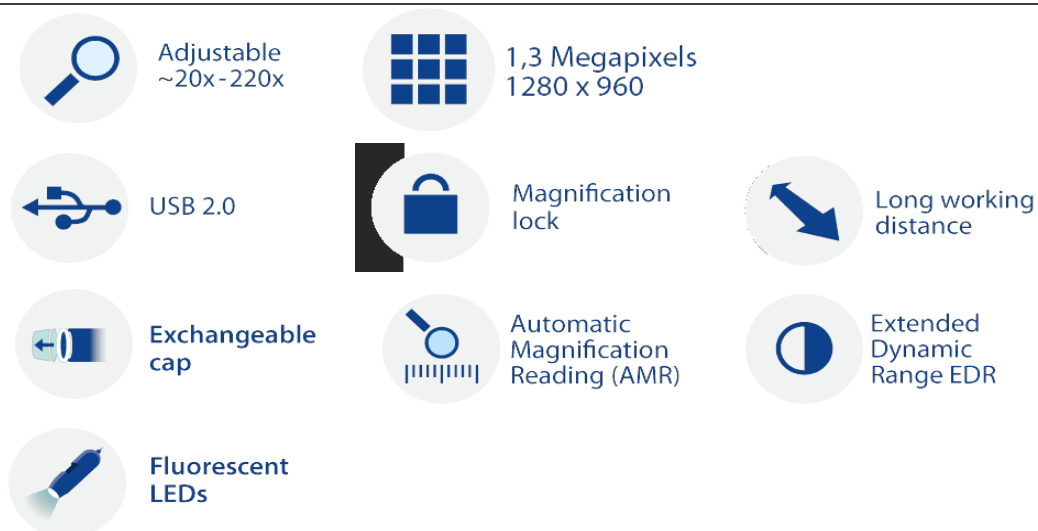
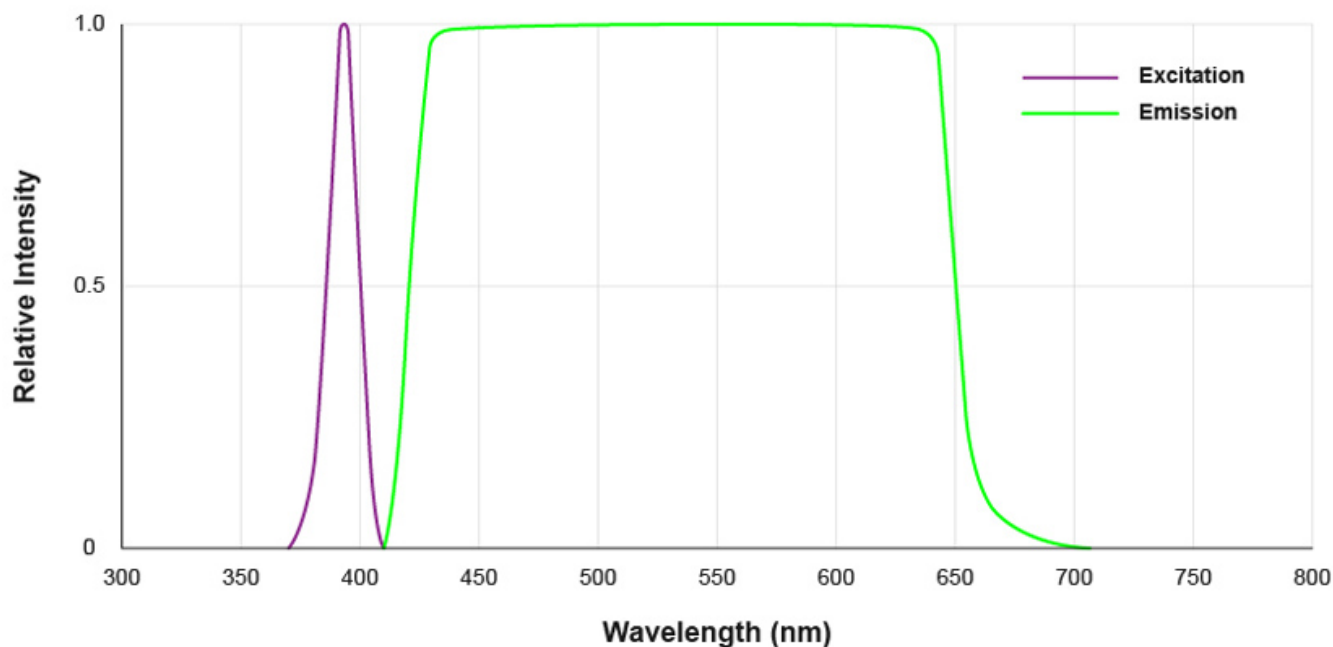
Fluorescence

Automatic Magnification Readout (AMR)

Robust Metal Housing

Omschrijving

Detect a range of fluorophores from cyan to red with the AM4517MT-CFVW high-sensitivity 20x ~ 220x digital microscope. Using 400 nm excitation lights and a 420 nm ~ 650 nm emission filter, this model is suitable for a wide range of probes such as Hoechst 33342, GFP, and Alexa Fluor 405. This model features AMR to ease measurements.



The main features of the AM4517MT-CFVW 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
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Listed values may differ slightly	* Without front cap			Unit = mm
20x	60.3	19.53	14.65	6.34
30x	33.6	13.02	9.77	3.03
40x	20.9	9.77	7.33	1.82
50x	13.9	7.81	5.86	1.24
60x	9.7	6.51	4.88	0.91
70x	7.1	5.58	4.19	0.71
80x	5.5	4.88	3.66	0.57
90x	4.0	4.34	3.26	0.47
100x	4.1	3.91	2.93	0.40
110x	3.6	3.55	2.66	0.35
120x	4.1	3.26	2.44	0.31
130x	4.5	3.01	2.25	0.27
140x	5.0	2.79	2.09	0.24
150x	5.6	2.60	1.95	0.22
160x	6.3	2.44	1.83	0.20
170x	7.1	2.30	1.72	0.18
180x	8.0	2.17	1.63	0.17
190x	8.9	2.06	1.54	0.16
200x	9.9	1.95	1.47	0.15
210x	10.9	1.86	1.40	0.14
220x	12.0	1.78	1.33	0.13

Specificatie

Verlichting	
Licht / LED-type	400nm excitation + white
Licht / LED-type	€1200,00 - €1400,00
Aantal leds	7 FL + 1 White
LED aan / uit schakelbaar:	Yes
Infrarood filter	No
Diffusor beschikbaar	No
Emissiefilter	420 nm ~ 650 nm
Polarisator	No
Fluorophores	Hoechst 33342, GFP, and Alexa Fluor 405
Optiek	
Magnification	20x ~ 220x
Werkafstand	Standard
Type lens	Glass with anti-reflection coating
Sensor	

Sensortype	CMOS
Resolutie	1.3 Megapixel (1280 x 960)
Maximale framesnelheid	30 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.9 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Ondersteunde beeldformaten (MacOS)	JPEG, PNG
Ondersteunde videoformaten (MacOS)	MOV
Behuizing	
Materiaal van de behuizing	Metal housing
Vergrotingsslot	Yes
Afmetingen	104 mm (H) x 32 mm (D)
Gewicht	Approx. 92 g
Kabellengte	1.8m
Kenmerken	
Bijzonderheid	Automatic Magnification Readout (AMR)
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
Informatie	
Inhoud van de verpakking	Microscope, carry pouch, calibration target, user manual, N3C-C (Close Cap) N3C-EB (Extended Open Black Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap)
Garantie-informatie	2 years European warranty
Regulatory approval:	CE, FCC, ROHS