

AM4517MT-DFRW



Merk:

Productcode: AM4517MT-DFRW

Korte omschrijving

1.3 Megapixel Edge sensor

High Sensitivity Sensor

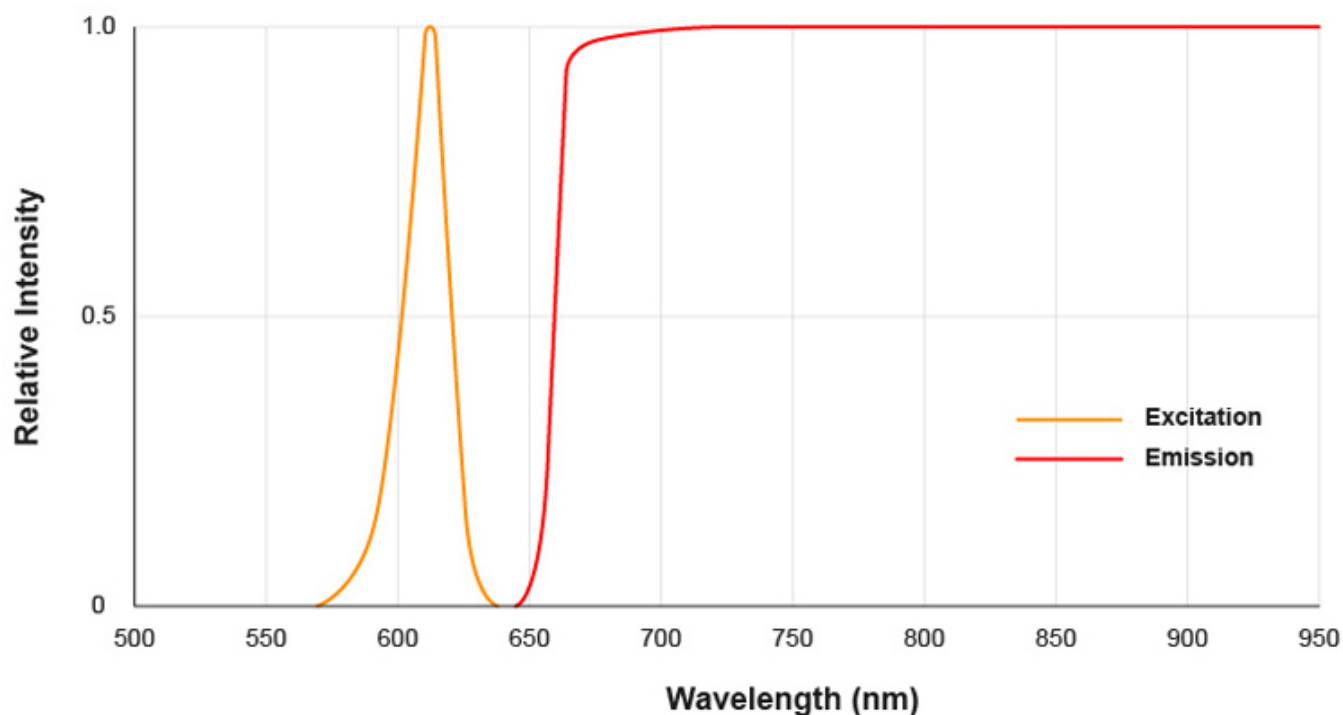
Fluorescence

Automatic Magnification Readout (AMR)

Robust Metal Housing

Omschrijving

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

Specificatie

Verlichting	
Licht / LED-type	620 nm excitation + white
Aantal leds	7 FL + 1 White
LED aan / uit schakelbaar:	Yes
Infrarood filter	No
Diffusor beschikbaar	No
Emissiefilter	655 nm ~ 950 nm
Polarisator	No
Fluorophores	Y5, Alexa Fluor 647, and Qdot 655
Optiek	
Magnification	20x ~ 220x
Macro zoom	No
Werkafstand	Standard
Type lens	Glass with anti-reflection coating

Sensor	
Sensortype	CMOS
Resolutie	1.3 Megapixel (1280x960)
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	90g
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
Prijsklasse	€1100,00 - €1300,00