

# AM4117MT-RFCW



**Merk:**

**Productcode:** AM4117MT-RFCW

## **Korte omschrijving**

1.3 Megapixel

High Sensitivity Sensor

Large Stokes Shift (LSS) Red Fluorescence

Dual Lighting

Robust Metal Housing

## **Omschrijving**

With 435 nm excitation lights and a 615 nm ~ 640 nm emission filter, AM4117MT-RFCW can detect red fluorescence excited by blue light, making it suitable for fluorescence probes with large Stokes shift, such as dKeima, tKeima, and LSSmKate1.

## **Working distance/field of view/depth of field**

M	WD	FOV (x)	FOV (y)	DOF
10	142.8	39.1	29.3	23.5
20	59.9	19.5	14.7	6.3
30	33.3	13.0	9.8	3.0
40	20.6	9.8	7.3	1.8
50	13.6	7.8	5.9	1.2
60	9.4	6.5	4.9	0.9
70	6.8	5.6	4.2	0.7
80	5.3	4.9	3.7	0.6

90	4.3	4.3	3.3	0.5
100	3.9	3.9	2.9	0.4
110	3.8	3.6	2.7	0.3
120	3.9	3.3	2.4	0.3
130	4.2	3.0	2.3	0.3
140	4.7	2.8	2.1	0.2
150	5.4	2.6	2.0	0.2
160	6.1	2.4	1.8	0.2
170	6.9	2.3	1.7	0.2
180	7.7	2.2	1.6	0.2
190	8.7	2.1	1.5	0.2
200	9.6	2.0	1.5	0.1
210	10.7	1.9	1.4	0.1
220	11.7	1.8	1.3	0.1

## Specificatie

<b>Verlichting</b>	
Licht / LED-type	Excitation Light (?peak = 435 nm) White Light
<b>Optiek</b>	
Magnification	10x ~ 220x
<b>Sensor</b>	
Resolutie	1.3 Megapixel (1280 x 960)
Maximale framesnelheid	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
<b>Compatibiliteit</b>	
Interface	USB 2.0
Besturingssysteem	Windows 10/11 macOS 10.14 or later
<b>Behuizing</b>	
Vergrotingsslot	Yes
Afmetingen	104 mm (H) x 32 mm (D)
Gewicht	Approx. 90 g
Kabellengte	Approx. 1.8 m
<b>Kenmerken</b>	
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
<b>Informatie</b>	
Inhoud van de verpakking	Microscope, carry pouch, calibration target, user manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS

