

# AM4117MT-RFYW



**Merk:**

**Productcode:** AM4117MT-RFYW

## **Korte omschrijving**

1.3 Megapixel  
High Sensitivity Sensor  
Red Fluorescence  
Dual Lighting  
Robust Metal Housing

## **Omschrijving**

Detect red fluorescence emissions with the AM4117MT-RFYW high sensitivity 10x ~ 220x digital microscope. AM4117MT-RFYW has a 575 nm excitation light and provides clear images of samples labeled with fluorescent probes such as mRFP, mCherry, and Alexa Fluor 594, making it ideal for applications in research, medical diagnostics, and forensics.

## **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

Verlichting	
Licht / LED-type	Excitation Light (?peak = 575 nm) White Light
Optiek	
Vergroting	10x ~ 220x
Sensor	
Resolutie	1.3 Megapixel (1280 x 960)
Maximale framesnelheid	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 10/11 macOS 10.14 or later
Behuizing	
Vergrotingsslot	Yes
Afmetingen	104 mm (H) x 32 mm (D)
Gewicht	Approx. 90 g
Kabellengte	Approx. 1.8 m
Kenmerken	
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
Informatie	
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