

# AM4117MTW-FJ



**Brand:**  
**Product Code:** AM4117MTW-FJ

## Short Description

1.3 Megapixel  
High Sensitivity Sensor  
Macro Zoom Optics  
Adjustable LED Intensity  
Robust Metal Housing

## Description

Equipped with 940 nm LEDs, AM4117MTW-FJ suits the examination of surfaces exhibiting distinct optical properties under infrared light. This microscope provides macro-level imaging with zoom-in capabilities, allowing for detailed observation of a wide range of subjects.



1,3 Megapixels  
1280 x 960



USB 2.0

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

#### T Zone

M	WD	FOV (x)	FOV (y)	DOF
50	21	8	6	3
40	42	10	7	6
30	71	13	10	11
20	127	20	15	26
15	183	26	20	47

#### W Zone

M	WD	FOV (x)	FOV (y)	DOF
30	20	13	10	7
20	33	20	15	14
15	48	26	20	24
10	77	39	29	54
5	166	78	59	266

#### Specification

Lighting	
Light/ LED type	940 nm LED
Optics	
Magnification	10x ~ 50x
Sensor	
Resolution	1.3 Megapixel (1280 x 960)

Maximum frame rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
<b>Compatibility</b>	
Interface	USB 2.0
Operating system	Windows 10/11 macOS 10.14 or later
<b>Housing</b>	
Magnification lock	Yes
Dimensions	104 mm (H) x 32 mm (D)
Weight	Approx. 89 g
Cable length	Approx. 1.8 m
<b>Features</b>	
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
<b>Information</b>	
Package contents	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
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS