

# AM7115MTF

**Brand:****Product Code:** AM7115MTF

## Short Description

High optical resolution

5.0 Megapixels

Extra-long Working Distance (ELWD)

Metallic housing

Flexible LED Control (FLC)

## Description

When abundant space between the target and the microscope is a must, use Dino-Lite 5MP AM7115MTF extra-long working distance digital microscope. AM7115MTF offers high resolution images and up to 70x magnification at a 108mm working distance.



USB 2.0

Measurement  
functionalityMagnification  
lockMetal  
housingContinuous  
~10x-70x5 megapixel  
2592 x 19448 White LEDs  
switchableStandard working  
distanceFlexible LED  
Control FLC



The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications. Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.

### The main features of the AM7115MTF are:

- 5 Megapixel Edge sensor
- Aluminum housing
- Flexible LED Control (FLC)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- And more...

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

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X) * Without front cap	FIELD OF VIEW(Y)	DEPTH OF FIELD Unit = mm
Listed values may differ slightly				
10	503	39.1	31.3	31.49
20	271	19.5	15.6	8.67
30	196	13.0	10.4	4.20
40	159	9.8	7.8	2.56
50	135	7.8	6.3	1.76
60	120	6.5	5.2	1.31
70	108	5.6	4.5	1.03

### Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Infrared filter	IR cut-filter >650 nm
Diffuser available	Yes (N3C-D included)

Emission filter	No
Polarizer	No
<b>Optics</b>	
Magnification	10x ~ 70x
Macro zoom	No
Working distance	Standard
Lens type	Glass with anti-reflection coating
<b>Sensor</b>	
Sensor type	CMOS
Resolution	5.0 Megapixel (2592x1944)
Maximum frame rate	30 fps
<b>Compatibility</b>	
Interface	USB 2.0
Operating system	Windows 7, 8, 10 & 11, MacOS 10.9 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows)	WMV, FLV, SWF
Supported image formats (MacOS)	JPEG, PNG
Supported video formats (MacOS)	MOV (max 1.3MP)
Imaging standards	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
<b>Housing</b>	
Housing material	Metal housing
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	125gr
Cable length	1.8m
<b>Features</b>	
Special feature	Flexible LED Control (FLC)
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
ESD safe	Yes
<b>Information</b>	
Package contents	Microscope, carry pouch, software CD, calibration target, user manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- diffuser cap, N3c-extension

	cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€800,00 - €1000,00