AM7115MT-FUW

Brand: Dino-Lite
Product Code: AM7115MT-FUW

Short Description

5 Megapixel Edge Sensor
Robust metal housing
~375nm + white LEDs
20-220x magnification
Versatility due to exchangeable caps

Description

The Dino-Lite AM7115MT-FUW is part of the Dino-Lite special light range. This model has two types of LED lights that are switchable between white and UV light. The UV LEDs are near UV LEDs with a spectrum of 375nm. This model offers a standard working distance, a wide magnification range from 20 – 220x and comes with a high quality 5 megapixel Edge sensor.

The main features of the AM7115MT-FUW are:

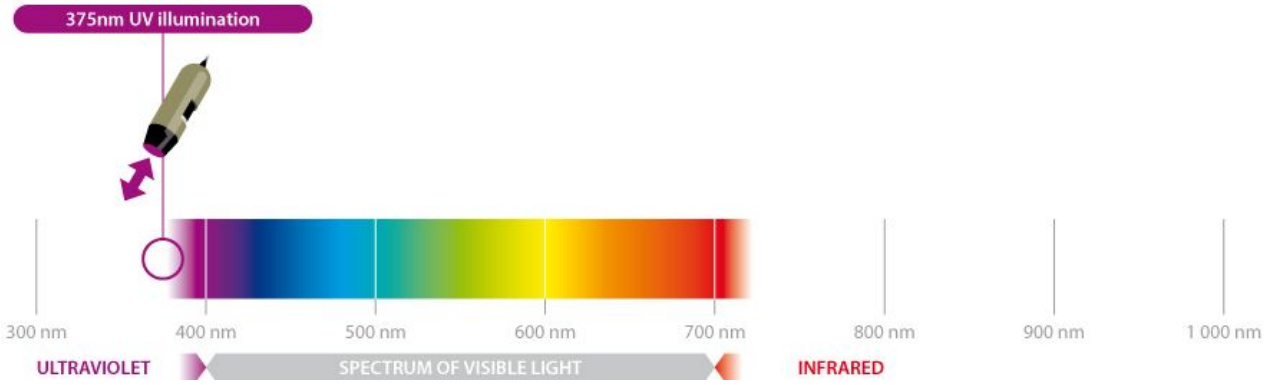
• 5 Megapixel Edge sensor
• USB 2.0
• 20-220x magnification
• Metal housing
•
• N
• Extensive measurement functions
•
• Exchangeable front caps
and more...

Working distance/field of view/depth of field

MAGNIFICATION RATE **Listed values may differ slightly**	WORKING DISTANCE	FIELD OF VIEW(X) *** Without front cap**	FIELD OF VIEW(Y)	DEPTH OF FIELD **Unit = mm**
20	60.2	19.5	14.6	2.5
30	33.5	13.0	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	7.8	-
60	9.7	6.5	5.8	-
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	-
90	4.5	4.3	3.2	-
100	4.1	3.9	2.9	-
110	4.0	3.6	2.7	-
120	4.1	3.3	2.4	-
130	4.5	3.0	2.2	-
140	5.0	2.8	2.1	-
150	5.6	2.6	1.9	-

160	6.3	2.4	1.8	-
170	7.1	2.3	1.7	-
180	8.0	2.2	1.6	-
190	8.9	2.1	1.5	-
200	9.9	2.0	1.5	-
210	10.9	1.9	1.4	-
220	11.9	1.8	1.3	-

Special Light



Specification

Lighting	
Light/ LED type	~375 nm UV + white
Number of LEDs	4+4
LED on/off switchable:	Yes
Infrared filter	IR cut-filter >650 nm
Diffuser available	Yes (N3C-D included)
Emission filter	Yes, Emission barrier filter 375 nm
Polarizer	No
Optics	
Magnification	20-220x
Macro zoom	No
Working distance	Standard
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	5 Megapixel (2592x1944)
Maximum frame rate	30 fps
Compatibility	
Interface	USB 2.0
Operating system	Windows 7, 8, 10 & 11, MacOS 10.9 and up
Included 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)
Housing	
Housing material	Metal housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	140g
Cable length	1.8m
Features	
Special feature	No
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
ESD safe	Yes
Information	
Package contents	Microscope, carry pouch, software CD, calibration target, user manual
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€900,00 - €1100,00