AM4115-FJT

Marca:
Codice del prodotto: AM4115-FJT

Short Description
1.3 Megapixel resolution
~940nm IR LEDs
20-220x magnification
Versatility due to exchangeable caps

Descrizione
The AM4115-FJT has special lighting with LED's emitting IR light around the 940 nm spectrum.

USB 2.0

Measurement functionality

Adjustable ~20x-220x

Magnification lock

1.3 megapixel 1280 x 1024

Infrared LEDs ~ 940nm

Long working distance

The Dino-Lite AM4115-FJT has special lighting with LED's emitting IR light around the 940 nm spectrum. The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design.

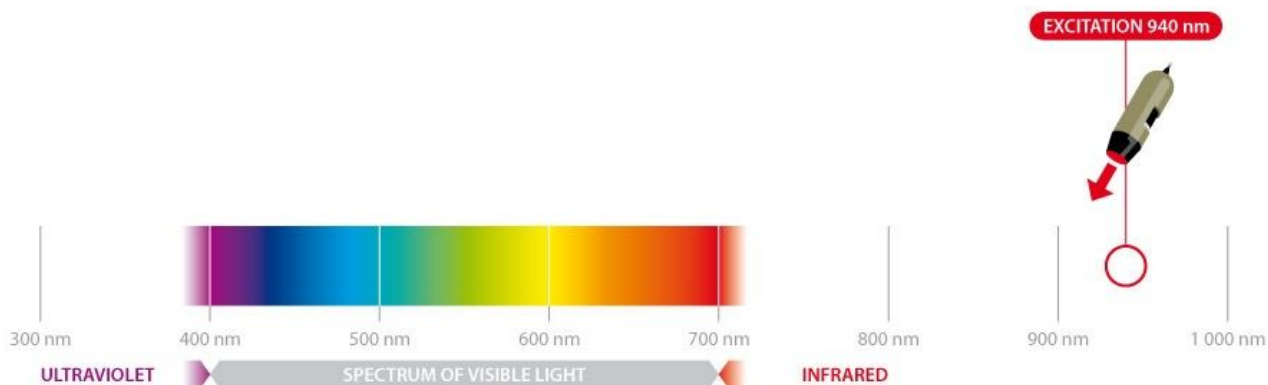*» Also available with ~780nm or 850nm LEDs (model AM4115-FKT/FIT).*

Working distance/field of view/depth of field

MAGNIFICATION RATE Listed values may differ slightly	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	60.2	19.5	15.6	2.5
30	33.5	13.0	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	-
60	9.7	6.5	5.2	-
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	-
90	4.5	4.3	3.5	-
100	4.1	3.9	3.1	-
110	4.0	3.6	2.8	-
120	4.1	3.3	2.6	-
130	4.5	3.0	2.4	-
140	5.0	2.8	2.2	-
150	5.6	2.6	2.1	-
160	6.3	2.4	2	-
170	7.1	2.3	1.8	-
180	8.0	2.2	1.7	-
190	8.9	2.1	1.6	-
200	9.9	2.0	1.6	-
210	10.9	1.9	1.5	-
220	11.9	1.8	1.4	0.1

Special Light:

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Lighting	
Light/ LED type	~940 nm Infrared
Number of LEDs	8
LED on/off switchable:	Yes
Infrared filter	IR pass filter
Diffuser available	No
Emission filter	No
Polarizer	No
Optics	
Magnification	20x ~ 220x
Macro zoom	No
Working distance	Standard
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	1.3 Megapixel (1280x1024)
Maximum frame rate	30 fps
Compatibility	
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

Imaging standards	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Housing	
Housing material	Composite/ plastic housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	100g
Cable length	1.8m
Features	
Special feature	No
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
ESD safe	No
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	€500,00 - €700,00