AM4115T-JV

Marka:
Ürün Kodu: AM4115T-JV

Short Description

1.3 Megapixel resolution
Switchable UV/IR LEDs
20-200x magnification
With exchangeable caps

Aç?klama

The AM4115T-JV features both IR (~940nm) and UV (~395nm) LED lighting in a single device. The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design.

USB 2.0

Adjustable ~20x - 220x

Magnification lock

1.3 megapixel 1280 x 1024

Infrared LEDs ~ 940nm

UV-LEDs 400 nm

Switchable UV/IR LEDs

Standard working distance

Exchangeable cap

Multiple lighting options provide the ability to view magnified objects under normal external lighting sources such as white light or under near IR, or UV lighting by simply

switching from one to the other. The IR can be use in document examination and new enhanced UV system provides improved fluorescence contrasting for use in forensics, biomedical or machine vision applications.
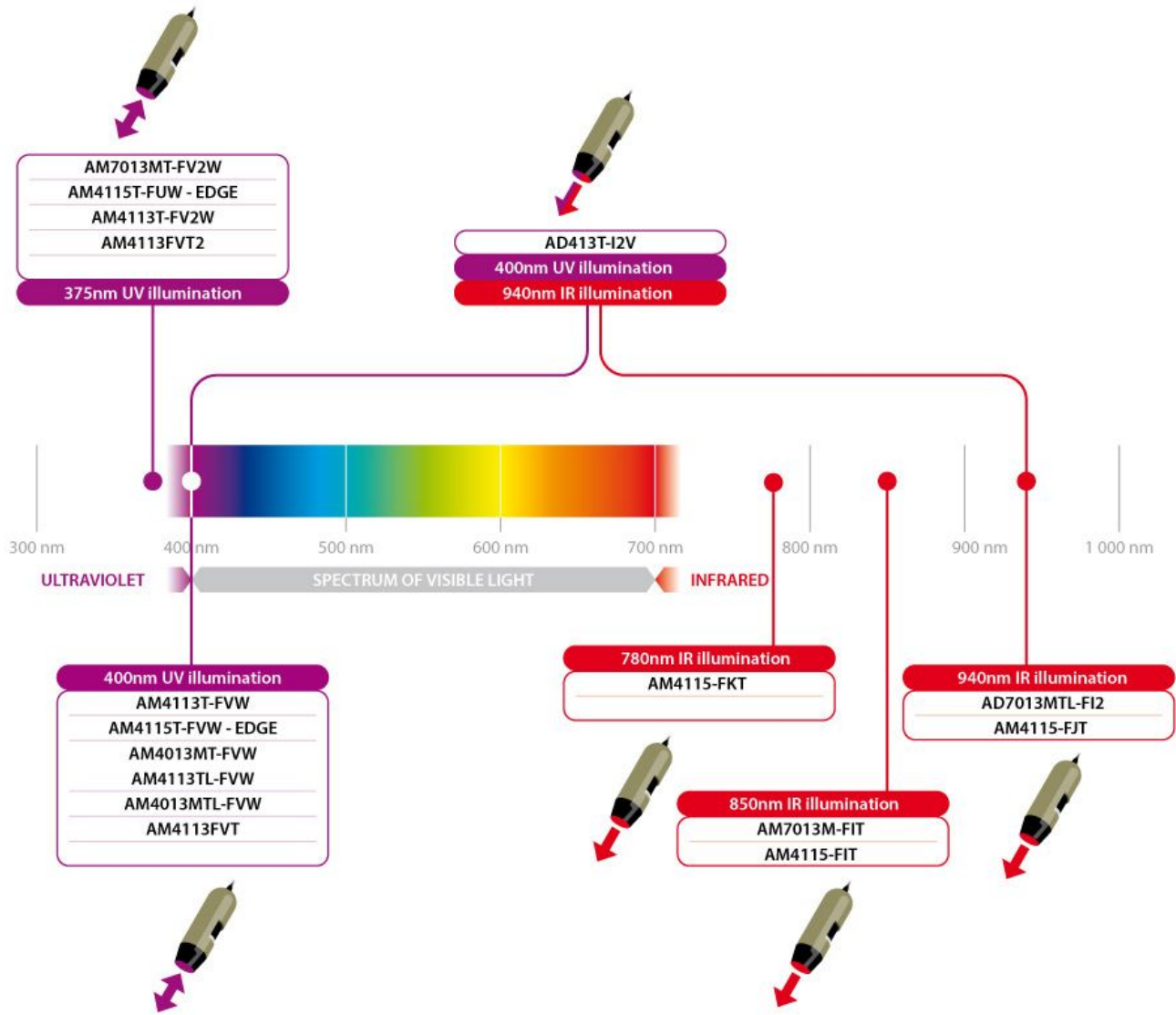
Working distance/field of view/depth of field

MAGNIFICATION RATE	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	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	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	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	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

Listed values may differ slightly

Unit = mm

Special Light

Special Light:

AM7013MT-FV2W
AM4115T-FUW - EDGE
AM4113T-FV2W
AM4113FVT2

375nm UV illumination

AD413T-I2V
400nm UV illumination
940nm IR illumination

300 nm 400 nm 500 nm 600 nm 700 nm 800 nm 900 nm 1 000 nm

ULTRAVIOLET SPECTRUM OF VISIBLE LIGHT INFRARED

400nm UV illumination
AM4113T-FVW
AM4115T-FVW - EDGE
AM4013MT-FVW
AM4113TL-FVW
AM4013MTL-FVW
AM4113FVT

780nm IR illumination
AM4115-FKT

940nm IR illumination
AD7013MTL-FI2
AM4115-FJT

850nm IR illumination
AM7013M-FIT
AM4115-FIT

Özellikler

Lighting	
Light/ LED type	~395 nm UV + ~940 nm Infrared
Number of LEDs	4+4
LED on/off switchable:	Yes
Infrared filter	No
Diffuser available	No
Emission filter	No
Polarizer	No
Optics	
Magnification	20-220x
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	€600,00 - €800,00