

AD4113T-I2V

Brand:

Product Code: AD4113T-I2V



Short Description

1.3 Megapixel resolution

switchable UV/IR LEDs

20-200x magnification

With exchangeable caps

Description

The AD4113T-I2V features both IR (~940nm) and UV (~395nm) LED lighting in a single device.



USB 2.0



Adjustable
~20x-220x



Magnification
lock



Measurement
functionality



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

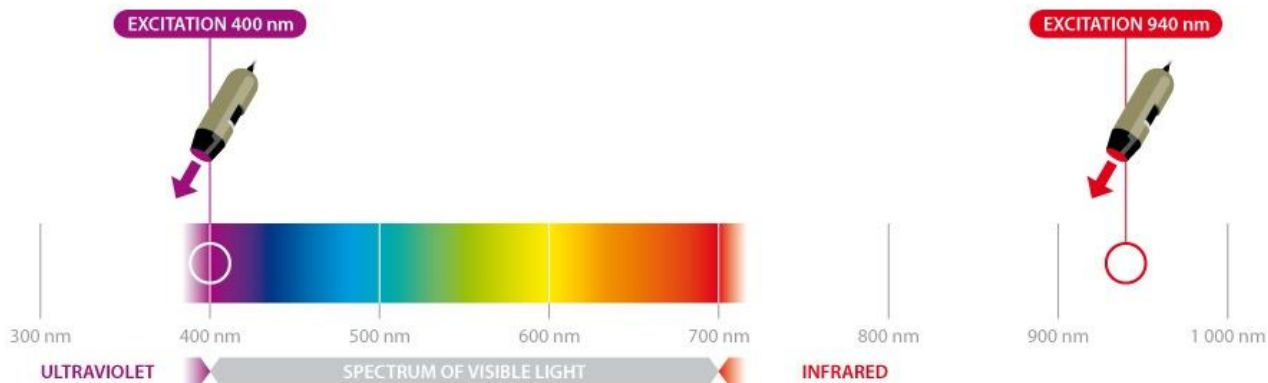
external lighting sources such as white light or under near IR, or UV lighting by simply switching from one to the other. The IR can be use in document examination and new enhanced UV system provides improved fluorescence contrasting for use in forensics, biomedical or machine vision applications.

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ slightly				Unit = mm

20	51.7	25.1	20.1	4
30	24.1	16.8	13.4	2
40	11.0	12.6	10.1	1.6
50	3.8	10.1	8.0	1.17
60	-0.6	8.4	6.7	-
200	-0.4	2.5	2.0	0.28
210	0.6	2.4	1.9	-
220	1.7	2.3	1.8	-
230	2.8	2.2	1.7	-

Special Light



Specification

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	10-50x 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	105g
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, ZT-Z-CC1 cap closure, user manual
Warranty information	2 years European warranty

Regulatory approval	CE, FCC, ROHS
Price range	€400,00 - €600,00

Product Gallery

