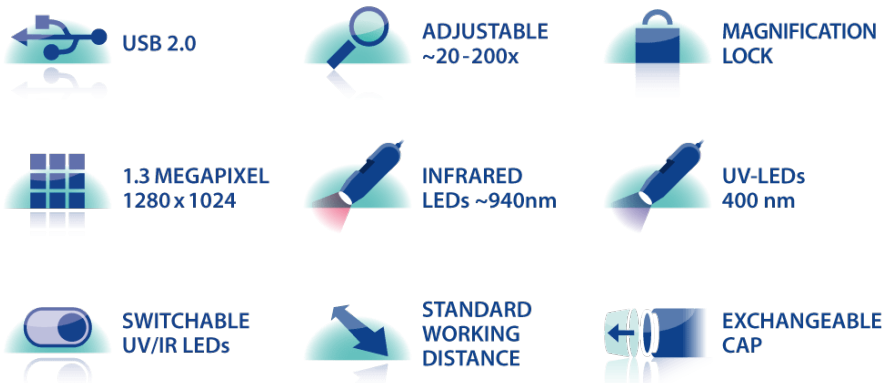


# AD4113T-I2V



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



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.

## Additional Info

- Dino-Lite Range: Dino-Lite Special lighting
- Resolution: Medium (800x600 - 1.3 Megapixel)
- Magnification: Standard (10x - 220x)
- Interface: USB 2.0
- Working Distance: Standard
- Price Range (excl. VAT): €350,00 - €550,00
- Light/ LED type: UV/ Infrared
- ESD Safe: No

- Polarizer: No
- Housing: Composite/plastic housing
- Special feature: No
- Dino-Lite Range: Dino-Lite Special 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
- Magnification: 20-200x
- Macro zoom: No
- Working Distance: Standard
- Resolution: 1.3 Megapixel (1280x1024)
- Maximum Frame rate: 30 fps
- Interface: USB 2.0
- Housing material: Composite/ plastic housing
- Magnification lock: Yes
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: No
- Special feature: No
- Package contents: Microscope, Carry pouch, Software CD, Open and closed cap, Calibration target, User manual
- Price Range: €350,00 - €550,00

- **Details**

- Dino-Lite range: Dino-Lite Special lighting

- **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: 20-200x
- 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 XP, Vista, 7, 8 & 10, MacOS 10.9 and up
- Included software: DinoCapture 2.0 (Windows), DinoXscope (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

- **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, Open and closed cap, Calibration target, User manual
- Warranty information: 2 years European warranty
- Regulatory approval: CE, FCC, ROHS
- Price range: €350,00 - €550,00
- Working distance/ field of view/ depth of field:

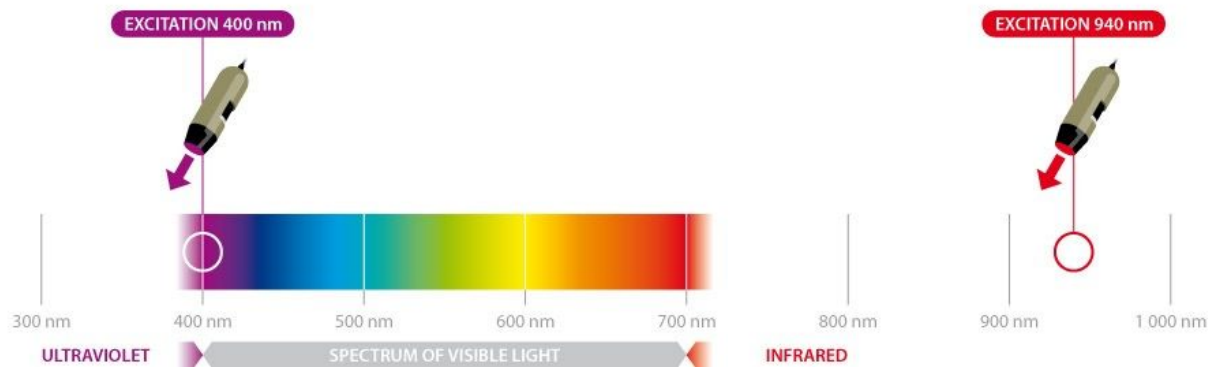
<b>Magnification Rate</b>	<b>Working Distance</b>	<b>Field of View(x)</b>	<b>Field of View(y)</b>	<b>Depth of Field</b>
20	51.7	25.1	20.1	4
<b>Listed values may differ slightly</b>				<b>Unit = mm</b>

Magnification Rate	Working Distance	Field of View(x)	Field of View(y)	Depth of Field
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	-

Listed values may differ slightly

Unit = mm

- Special Light:



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