

# AM4115T-JV

**Marque:**

**Code produit:** AM4115T-JV



## Courte description

1.3 Megapixel resolution

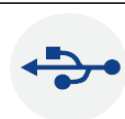
Switchable UV/IR LEDs

20-200x magnification

With exchangeable caps

## Description

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**

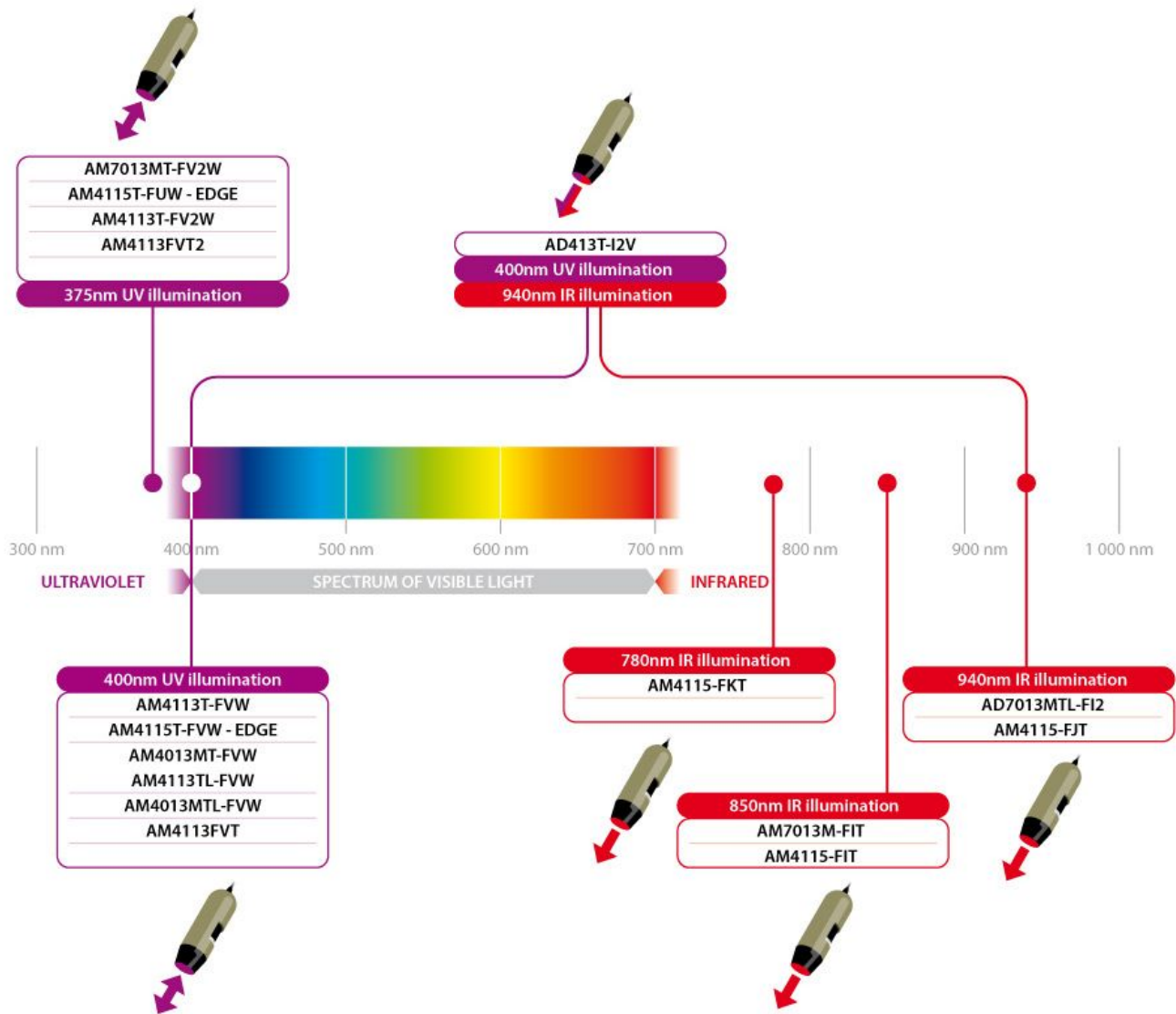
| <b>MAGNIFICATION RATE</b> | <b>WORKING DISTANCE*</b> | <b>FIELD OF VIEW(X)</b> | <b>FIELD OF VIEW(Y)</b> | <b>DEPTH OF FIELD</b> |
|---------------------------|--------------------------|-------------------------|-------------------------|-----------------------|
| 20                        | 60.2                     | 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:



## Spécification

| 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          | 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), 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                                                       |
| 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                                                     |