

AM7115MT-FUW



Marka:
Ürün Kodu: AM7115MT-FUW

Short Description

5 Megapixel Edge Sensor
Robust metal housing
~375nm + white LEDs
20-220x magnification
Versatility due to exchangeable caps

Açıklama

The Dino-Lite AM7115MT-FUW is part of the Dino-Lite special light range. This model has two types of LED lights that are switchable between white and UV light. The UV LEDs are near UV LEDs with a spectrum of 375nm. This model offers a standard working distance, a wide magnification range from 20 – 220x and comes with a high quality 5 megapixel Edge sensor.



5 megapixel
2592 x 1944



USB 2.0



Adjustable
~20x-220x



Standard working
distance



Metal
housing



Flexible LED
Control FLC



UV-LEDs
375 nm

Magnification
lock



Measurement
functionality



Exchangeable
cap

The main features of the AM7115MT-FUW are:

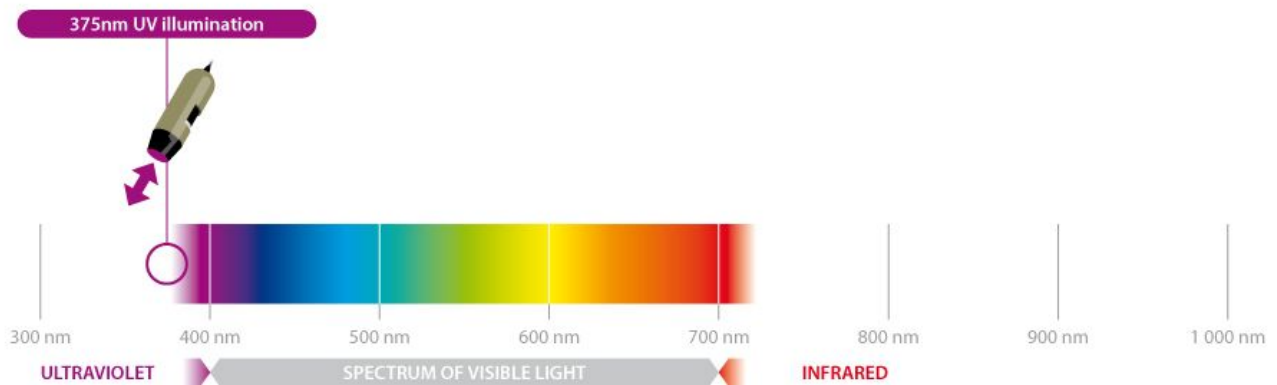
- 5 Megapixel Edge sensor
 - USB 2.0
 - 20-220x magnification
 - Metal housing
 - —
 - N—
 - Extensive measurement functions
 - —
 - Exchangeable front caps
- and more...

Working distance/field of view/depth of field

| MAGNIFICATION RATE | WORKING DISTANCE | FIELD OF VIEW(X) * Without front cap | FIELD OF VIEW(Y) | DEPTH OF FIELD Unit = mm |
|--------------------|------------------|---|------------------|-----------------------------|
| 20 | 60.2 | 19.5 | 14.6 | 2.5 |
| 30 | 33.5 | 13.0 | 9.7 | 1.8 |
| 40 | 20.9 | 9.8 | 7.3 | 1.5 |
| 50 | 13.9 | 7.8 | 7.8 | - |
| 60 | 9.7 | 6.5 | 5.8 | - |
| 70 | 7.1 | 5.6 | 4.2 | 1.0 |
| 80 | 5.5 | 4.9 | 3.6 | - |
| 90 | 4.5 | 4.3 | 3.2 | - |
| 100 | 4.1 | 3.9 | 2.9 | - |
| 110 | 4.0 | 3.6 | 2.7 | - |
| 120 | 4.1 | 3.3 | 2.4 | - |
| 130 | 4.5 | 3.0 | 2.2 | - |
| 140 | 5.0 | 2.8 | 2.1 | - |
| 150 | 5.6 | 2.6 | 1.9 | - |

| | | | | |
|-----|------|-----|-----|---|
| 160 | 6.3 | 2.4 | 1.8 | - |
| 170 | 7.1 | 2.3 | 1.7 | - |
| 180 | 8.0 | 2.2 | 1.6 | - |
| 190 | 8.9 | 2.1 | 1.5 | - |
| 200 | 9.9 | 2.0 | 1.5 | - |
| 210 | 10.9 | 1.9 | 1.4 | - |
| 220 | 11.9 | 1.8 | 1.3 | - |

Special Light



Özellikler

| Lighting | |
|------------------------|--|
| Light/ LED type | ~375 nm UV + white |
| Number of LEDs | 4+4 |
| LED on/off switchable: | Yes |
| Infrared filter | IR cut-filter >650 nm |
| Diffuser available | Yes (N3C-D included) |
| Emission filter | Yes, Emission barrier filter 375 nm |
| Polarizer | No |
| Optics | |
| Magnification | 20x ~ 220x |
| Macro zoom | No |
| Working distance | Standard |
| Lens type | Glass with anti-reflection coating |
| Sensor | |
| Sensor type | CMOS |
| Resolution | 5 Megapixel (2592x1944) |
| 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 (max. 1.3MP) |
| Imaging standards | DirectShow, UVC |
| Wifi | Wireless-ready, requires the WF-10 WiFi streamer (optional) |
| Housing | |
| Housing material | Metal housing |
| Magnification lock | Yes |
| Dimensions | 10.5cm (L) x 3.2cm (D) |
| Weight | 140g |
| Cable length | 1.8m |
| Features | |
| Special feature | No |
| Measurement | Yes |
| Calibration | Yes |
| Microtouch sensor | Yes |
| ESD safe | Yes |
| 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 | €900,00 - €1100,00 |