

AF3113T

Brand:
Product Code: AF3113T



Short Description

640x480 Resolution
8 white LEDs (switchable)
10-70, 200x magnification
Measurement functionality
Wireless ready

Description

The AF3113T has both the measurement functions and the Microtouch button to capture pictures directly from the Dino-Lite. The improved image sensor provides a high quality image with very natural colors and it also offers a high refresh rate for better real time images. It is an affordable solution for industrial, scientific and business use.



USB 2.0



Adjustable
~10-70x & 200x



Measurement
functionality



VGA resolution
640 x 480



8 White LEDs
switchable



Standard working
distance



Wireless
Ready

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 | 21.0 | 15.7 | 8 |
| 30 | 24.1 | 14.0 | 10.5 | 4 |
| 40 | 11.0 | 10.5 | 7.9 | 2.5 |
| 50 | 3.8 | 8.4 | 6.3 | 2 |
| 60 | -0.6 | 7.0 | 5.2 | - |
| 200 | -0.4 | 2.1 | 1.6 | 0.45 |
| 210 | 0.6 | 2.0 | 1.5 | - |
| 220 | 1.7 | 1.9 | 1.4 | - |
| 230 | 2.8 | 1.8 | 1.4 | 0.42 |

Specification

| | |
|------------------------|---|
| Lighting | |
| Light/ LED type | White |
| Number of LEDs | 8 |
| LED on/off switchable: | Yes |
| Infrared filter | IR cut-filter >650 nm |
| Diffuser available | No |
| Emission filter | No |
| Polarizer | No |
| Optics | |
| Magnification | 20x ~ 55x, 220x |
| Macro zoom | No |
| Working distance | Standard |
| Lens type | Glass with anti-reflection coating |
| Sensor | |
| Sensor type | CMOS |
| Resolution | VGA (640x480) |
| 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-20 adapter (optional) |
| Housing | |
| Housing material | Composite/ plastic housing |
| Magnification lock | No |
| Dimensions | 11.5cm (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, user manual |
| Warranty information | 2 years European warranty |
| Regulatory approval | CE, FCC, ROHS |
| Price range | €150,00 - €350,00 |