

# AM73115MTF



The Dino-Lite AM73115MTF is a special model within the High Speed range with USB 3.0 connection. It offers superb uncompressed image quality and color reproduction in a robust, compact and appealing metal housing. The AM73115MTF ("F" stands for Far) offers an extra-large working distance.



USB 3.0 adds a new transfer mode called "SuperSpeed" (SS) capable of transferring data up to 5Gbits/s (625MB/s). Dino-Lite models with USB 3.0 offer an image transfer speed of up to 45FPS at a 1280 x 960 resolution. SuperSpeed allows you to take advantage of the full power of the Dino-Lite Edge Series optics including improved colour accuracy and image quality.

The Dino-Lite AM73115MTF is a USB 3.0 model with a magnification range of 10x - 70x and an Extra Long Working Distance of up to 48 cm. At a 70x magnification the distance to the object can reach an unparalleled 115 mm. This model is member of the Dino-Lite Edge family with the latest, cutting-edge optics, an unmatched 5 megapixel sensor and several special features such as Flexible LED Control (FLC), full metal body, extensive measurement functions, calibration, exchangeable front caps and more.

The AM73115MTF is a special product within the Dino-Lite USB 3.0 range. For professionals who are looking for a large working distance and high speed data transfer combined with the best available image quality, this is the model of choice.

## Additional Info

- Dino-Lite Range: Dino-Lite High Speed
- Resolution: High (5 Megapixel)
- Magnification: Low/medium (10x-90x)
- Interface: USB 3.0 Cable included
- Working Distance: Extra Long
- Price Range (excl. VAT): €750,00 - €1000,00
- Light/ LED type: White
- ESD Safe: Yes
- Polarizer: No
- Housing: Metal housing
- Special feature: Flexible LED Control (FLC), Extra Long Working Distance
- Dino-Lite Range: Dino-Lite High Speed
- Light/ LED type: White
- Number of LEDs: 8
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: Yes
- Emission filter: No
- Polarizer: No
- Magnification: 10-70x
- Macro zoom: No
- Working Distance: Long
- Resolution: 5 Megapixel (2592x1944)
- Maximum Frame rate: 45 fps
- Interface: USB 3.0, Cable included
- Housing material: Metal housing
- Magnification lock: Yes
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: Yes
- Special feature: Flexible LED Control (FLC), Extra Long Working Distance
- Package contents: Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box
- Price Range: €750,00 - €1000,00

### • Details

- Dino-Lite range: Dino-Lite High Speed

### • Lighting

- Light/ LED type: White

- Number of LEDs: 8
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: Yes (N3C-D included)
- Emission filter: No
- Polarizer: No

- **Optics**

- Magnification: 10-70x
- Macro zoom: No
- Working distance: Long
- Lens type: Glass with anti-reflection coating

- **Sensor**

- Sensor type: CMOS
- Resolution: 5 Megapixel (2592x1944)
- Maximum frame rate: 45 fps

- **Compatibility**

- Interface: USB 3.0, Cable included\*\*
- Operating system: Windows 7, 8 & 10, MacOS 10.9 and up
- Included 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

- **Housing**

- Housing material: Metal housing
- Magnification lock: Yes
- Dimensions: 11.9cm (L) x 3.3cm (H)
- Weight: 110g
- Cable length: 1.8m

- **Features**

- Special feature: Flexible LED Control (FLC), Extra Long Working Distance
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD safe: Yes

## Information

- Package contents: Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box
- Warranty information: 2 years European warranty
- Regulatory approval: CE, FCC, ROHS
- Price range: €750,00 - €1000,00
- Working distance/ field of view/ depth of field:

Magnification Rate	Working Distance	Field of View(x)	Field of View(y)	Depth of Field
10	480	39	31.2	10.6
20	263	19.5	15.6	4.85
30	186	13.0	10.4	1.85
40	152	9.8	7.8	1.24
50	132	7.8	6.2	0.93
60	121	6.5	5.2	0.73
70	115	5.6	4.2	0.53

**Listed values may differ slightly**

**Unit = mm**

\*\* Dino-Lite USB 3.0 models use a custom USB cable that is specifically designed for Dino-Lite

PDF generated on: 09-04-2019

•