

# AM3713TB



The Dino-Lite Premier AM3713TB with stroboscopic light feature takes perfect pictures by reducing motion blur, even under higher magnification. The strobomicroscope technology enables the user to capture fast moving objects in a very easy and convenient way.



It can be used for monitoring production lines in a manufacturing environment, observing living creatures in a laboratory environment or any other application with fast-moving objects. The AM3713TB has a very high refresh rate of 60fps. The stroboscopic light mode can be switched on and off.

*The strobomicroscope technology is effective between 3cm to 15cm and under low ambient lighting. Works best with lighting less than 20 LUX and non effective over 80 LUX.*

## Additional Info

- Dino-Lite Range: Dino-Lite Special lighting
- Resolution: Low (640x480 - 628x586)
- Magnification: Standard (10x - 220x)

- Interface: USB 2.0
- Working Distance: Standard
- Price Range (excl. VAT): €200,00 - €350,00
- Light/ LED type: Stroboscopic
- ESD Safe: No
- Polarizer: No
- Housing: Composite/plastic housing
- Special feature: No
- Dino-Lite Range: Dino-Lite Special lighting
- Light/ LED type: Stroboscopic
- Number of LEDs: 8
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: MSAA111A1 (optional accessory)
- Emission filter: No
- Polarizer: No
- Magnification: 10-70x, 200x
- Macro zoom: No
- Working Distance: Standard
- Resolution: VGA (640x480)
- Maximum Frame rate: 60 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, Calibration target, User manual
- Price Range: €200,00 - €350,00

- **Details**

- Dino-Lite range: Dino-Lite Special lighting

- **Lighting**

- Light/ LED type: Stroboscopic
- Number of LEDs: 8
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: MSAA111A1 (optional accessory)
- Emission filter: No
- Polarizer: No

- **Optics**

- Magnification: 10-70x, 200x

- Macro zoom: No
- Working distance: Standard
- Lens type: Glass with anti-reflection coating
  
- **Sensor**
  
- Sensor type: CMOS
- Resolution: VGA (640x480)
- Maximum frame rate: 60 fps
  
- **Compatibility**
  
- Interface: USB 2.0
- Operating system: Windows XP, Vista, 7, 8 & 10
- Included software: DinoCapture 2.0 (Windows)
- 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): -
- Supported video formats (MacOS): -
- 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, Calibration target, User manual
- Warranty information: 2 years European warranty
- Regulatory approval: CE, FCC, ROHS
- Price range: €200,00 - €350,00
- Working distance/ field of view/ depth of field:

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<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	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

**Listed values may differ slightly**

**Unit = mm**

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