

AM3715TB - Edge



The Dino-Lite AM3715TB 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 AM3715TB has a refresh rate of 30fps. The stroboscopic light mode can be switched on and off. With external trigger to synchronize picture capturing.

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): €350,00 - €550,00
- 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: 20-220x
- Macro zoom: No
- Working Distance: Standard
- Resolution: VGA (640x480)
- Maximum Frame rate: 30 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, User manual, Quick guide, Calibration target, Front cover box, USB cable, Connector for external trigger
- Price Range: €350,00 - €550,00

- **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: 20-220x
- 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 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, User manual, Quick guide, Calibration target, Front cover box, USB cable, Connector for external trigger
- Warranty information: 2 years European warranty
- Regulatory approval: CE, FCC, ROHS
- Price range: €350,00 - €550,00
- Working distance/ field of view/ depth of field:

| Magnification Rate | Working Distance | Field of View(x) | Field of View(y) |
|---------------------------|-------------------------|-------------------------|-------------------------|
| 20 | 60.2 | 19.5 | 15.6 |
| 30 | 33.5 | 13.0 | 10.4 |
| 40 | 20.9 | 9.8 | 7.8 |
| 50 | 13.9 | 7.8 | 6.3 |
| 100 | 4.1 | 3.9 | 3.1 |
| 150 | 5.6 | 2.6 | 2.1 |
| 200 | 9.9 | 2.0 | 1.6 |
| 220 | 11.9 | 1.8 | 1.4 |

Listed values may differ slightly **Unit = mm**

PDF generated on: 22-05-2018