

AM3713TB



Brand:
Product Code: AM3713TB

Short Description

Stroboscopic light
With magnification lock
10-70x & 200x magnification
For capturing fast-moving objects

Description

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.



USB 2.0



Measurement
functionality



Adjustable
~10-70x & 200x



Magnification
lock



VGA resolution
640 x 480



Stroboscopic
LEDs



Standard working
distance



High speed

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 strobosmicroscope 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.

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 | Stroboscopic |
| 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 | 10x ~ 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 7, 8, 10 & 11 |
| 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 |
| Imaging standards | DirectShow, UVC |
| Wifi | No |
| 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 |

Product Gallery

