

# AM3713TB



**Marke:**

**Artikelnummer:** AM3713TB

## Short Description

Stroboscopic light

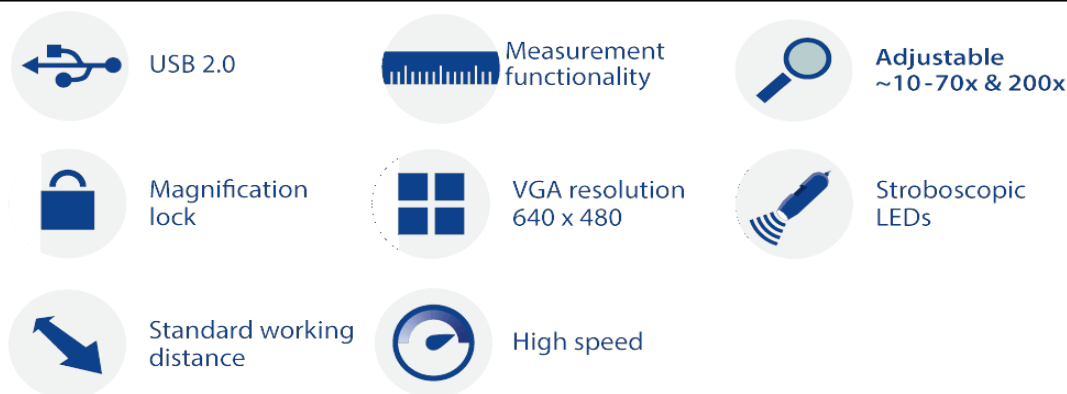
With magnification lock

10-70x & 200x magnification

For capturing fast-moving objects

## Beschreibung

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 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   |
|------------------------------------------|------------------|------------------|------------------|------------------|
| <b>Listed values may differ slightly</b> |                  |                  |                  | <b>Unit = mm</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             |

#### **Spezifikation**

| 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

