

# AM3713TB



**Merk:**

**Productcode:** AM3713TB

## Korte omschrijving

Stroboscopic light

With magnification lock

10-70x & 200x magnification

For capturing fast-moving objects

## Omschrijving

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   |
|------------------------------------------|------------------|------------------|------------------|------------------|
| <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             |

#### **Specificatie**

| Verlichting                |                                    |
|----------------------------|------------------------------------|
| Licht / LED-type           | Stroboscopic                       |
| Aantal leds                | 8                                  |
| LED aan / uit schakelbaar: | Yes                                |
| Infrarood filter           | IR cut-filter >650 nm              |
| Diffusor beschikbaar       | No                                 |
| Emissiefilter              | No                                 |
| Polarisator                | No                                 |
| Optiek                     |                                    |
| Magnification              | 10x ~ 70x, 200x                    |
| Macro zoom                 | No                                 |
| Werkafstand                | Standard                           |
| Type lens                  | Glass with anti-reflection coating |
| Sensor                     |                                    |
| Sensortype                 | CMOS                               |
| Resolutie                  | VGA (640x480)                      |

|                                      |                                                                       |
|--------------------------------------|-----------------------------------------------------------------------|
| Maximale framesnelheid               | 60 fps                                                                |
| Compatibiliteit                      |                                                                       |
| Interface                            | USB 2.0                                                               |
| Besturingssysteem                    | Windows 7, 8, 10 & 11                                                 |
| Software                             | DinoCapture 2.0 (Windows)                                             |
| Ondersteunde beeldformaten (Windows) | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX |
| Ondersteunde videoformaten (Windows) | WMV, FLV, SWF                                                         |
| Beeldvormingsnormen                  | DirectShow, UVC                                                       |
| Wifi                                 | No                                                                    |
| Behuizing                            |                                                                       |
| Materiaal van de behuizing           | Composite/ plastic housing                                            |
| Vergrotingsslot                      | Yes                                                                   |
| Afmetingen                           | 10.5cm (L) x 3.2cm (D)                                                |
| Gewicht                              | 105g                                                                  |
| Kabellengte                          | 1.8m                                                                  |
| Kenmerken                            |                                                                       |
| Bijzonderheid                        | No                                                                    |
| Meting                               | Yes                                                                   |
| Kalibratie                           | Yes                                                                   |
| Microtouch-sensor                    | Yes                                                                   |
| ESD veilig                           | No                                                                    |
| Informatie                           |                                                                       |
| Inhoud van de verpakking             | Microscope, carry pouch, software CD, calibration target, user manual |
| Garantie-informatie                  | 2 years European warranty                                             |
| Regelgevende goedkeuring             | CE, FCC, ROHS                                                         |
| Prijsklasse                          | €200,00 - €350,00                                                     |

## Product galerij

