

AM3715TB - EDGE

Merk: Dino-Lite
Productcode: AM3715TB - EDGE



Korte omschrijving

Stroboscopic light for capturing fast-moving objects
Refresh rate of 30fps
20-220x magnification
With external trigger to synchronize picture capturing

Omschrijving

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.



USB 2.0



Measurement
functionality



Adjustable
~20x-220x



Magnification
lock



VGA resolution
640 x 480



Stroboscopic
LEDs



Standard working
distance



Exchangeable
cap

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 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 | 60.2 | 19.5 | 15.6 | 2.5 |
| 30 | 33.5 | 13.0 | 10.4 | 1.8 |
| 40 | 20.9 | 9.8 | 7.8 | 1.5 |
| 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 | - |
| 220 | 11.9 | 1.8 | 1.4 | 0.1 |

Specificatie

| | |
|----------------------------|------------------------------------|
| Verlichting | |
| Licht / LED-type | Stroboscopic |
| Aantal leds | 8 |
| LED aan / uit schakelbaar: | Yes |
| Infrarood filter | IR cut-filter >650 nm |
| Diffusor beschikbaar | Yes (N3C-D included) |
| Emissiefilter | No |
| Polarisator | No |
| Optiek | |
| Vergroting | 20-220x |
| Macro zoom | No |
| Werkafstand | Standard |
| Type lens | Glass with anti-reflection coating |
| Sensor | |
| Sensortype | CMOS |
| Resolutie | VGA (640x480) |

| | |
|--------------------------------------|--|
| Maximale framesnelheid | 30 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, user manual, quick guide, calibration target, front cover box, USB cable, connector for external trigger |
| Garantie-informatie | 2 years European warranty |
| Regelgevende goedkeuring | CE, FCC, ROHS |
| Prijsklasse | €350,00 - €550,00 |

Product galerij