

# AM3715TB - EDGE

**Značka:**

**Kód produktu:** AM3715TB - EDGE



## Short Description

Stroboscopic light for capturing fast-moving objects

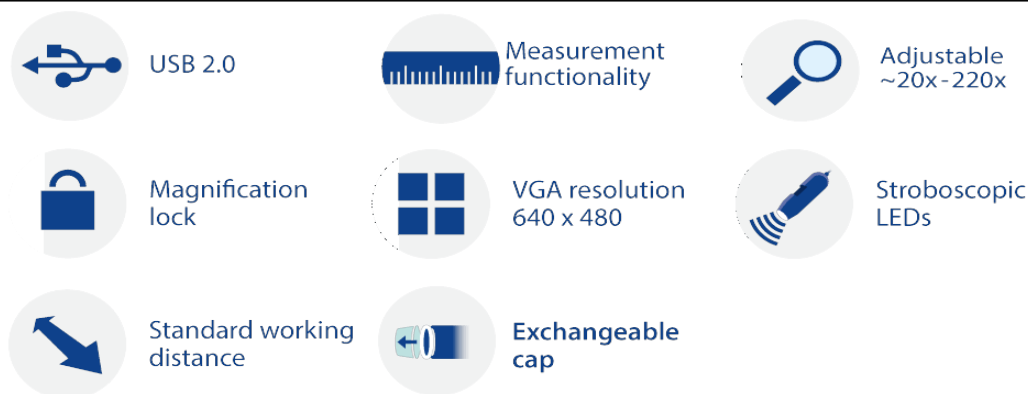
Refresh rate of 30fps

20-220x magnification

With external trigger to synchronize picture capturing

## Popis

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 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                                       | 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            |

#### **Specifikace**

| Lighting               |                                    |
|------------------------|------------------------------------|
| Light/ LED type        | Stroboscopic                       |
| Number of LEDs         | 8                                  |
| LED on/off switchable: | Yes                                |
| Infrared filter        | IR cut-filter >650 nm              |
| Diffuser available     | Yes (N3C-D included)               |
| Emission filter        | No                                 |
| Polarizer              | No                                 |
| Optics                 |                                    |
| Magnification          | 20x ~ 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   |
| <b>Compatibility</b>              |  |
| 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   |
| <b>Housing</b>                    |  |
| Housing material                  | Composite/ plastic housing   |
| Magnification lock                | Yes  |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)   |
| Weight                            | 105g   |
| Cable length                      | 1.8m   |
| <b>Features</b>                   |  |
| Special feature                   | No   |
| Measurement                       | Yes  |
| Calibration                       | Yes  |
| Microtouch sensor                 | Yes  |
| ESD safe                          | No   |
| <b>Information</b>                |  |
| 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  |

## Product Gallery