

# 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 stroboscopy 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

**Specification**

<b>Lighting</b>	
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
<b>Optics</b>	
Magnification	10x ~ 70x, 200x
Macro zoom	No
Working distance	Standard
Lens type	Glass with anti-reflection coating
<b>Sensor</b>	
Sensor type	CMOS
Resolution	VGA (640x480)

Maximum frame rate	60 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, calibration target, user manual
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€200,00 - €350,00

## **Product Gallery**

