Dino-Lite Europe - Phone: - Email:

## **AM3713TB**



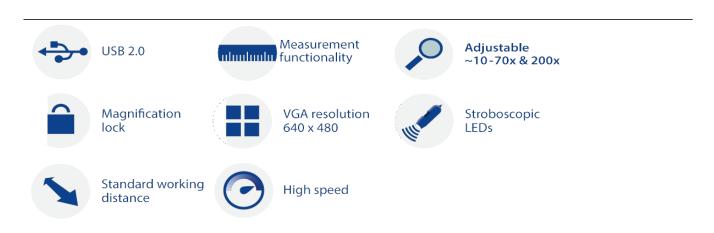
**Product Code:** AM3713TB

## **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.



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					
MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF	
ON RATE	DISTANCE	VIEW(X)	VIEW(Y)	FIELD	
<b>Listed values</b>				Unit = mm	
may differ					
slightly					
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** 

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	$10x \sim 70x, 200x$		
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	0		
Interface	USB 2.0		
Operating system	Windows 7, 8, 10 & 11		
Software	DinoCapture 2.0 (Windows)		
Supported image formats	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,		
(Windows)	PCX, MNG, WBMP, JP2, JPC, PGX		
Supported video formats	WMV, FLV, SWF		
(Windows)			
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**

