

AM3715TB - EDGE

Brand:

Product Code: 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

Description

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

Specification

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
Compatibility	
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
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, 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