Dino-Lite Europe - Phone: - Email:

AM3715TB - EDGE

Brand: Dino-Lite

Product Code: AM3715TB - EDGE

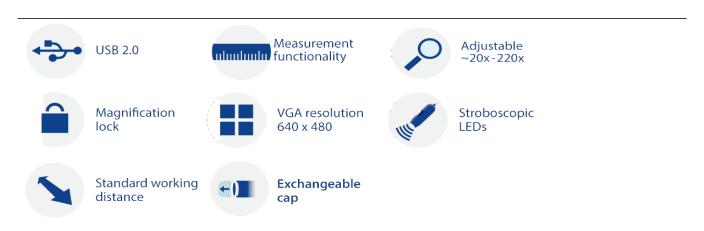


Short Description

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.



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	ce/field of view/do	epth of field		
MAGNIFICATI	WORKING	FIELD OF	FIELD OF	Depth of Field
ON RATE	DISTANCE	VIEW(X)	VIEW(Y)	
Listed values			Unit = mm	
may differ				
slightly				
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	20-220x			
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	C - F -			
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, 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			

Price range Product Gallery