AM3715TB - EDGE

Brand: Product Code: AM3715TB - EDGE

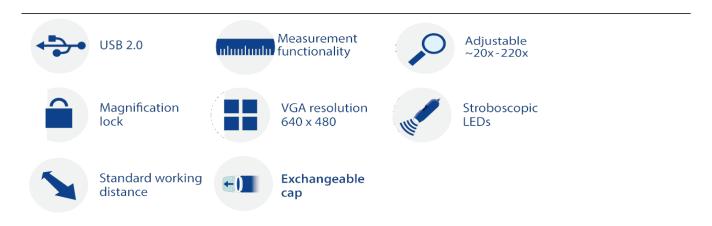


Short Description

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.



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					
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	

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	$20x \sim 220x$			
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	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		
Product Gallery			

Product Gallery