AM73115MTF



Marque: Code produit: AM73115MTF

Courte description

5 Megapixel Edge sensor USB 3.0, maximum 45fps 10-70x magnification Extra Long Working Dist (11,5~48cm) Flexible LED Control (FLC)

Description

The Dino-Lite AM73115MTF is a special model within the High Speed range with USB 3.0 connection. It offers superb uncompressed image quality and color reproduction in a robust, compact and appealing metal housing. The AM73115MTF ("F" stands for Far) offers an extra-large working distance.

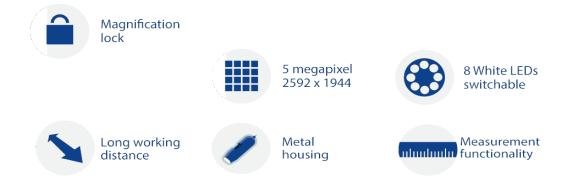
USB 3.0 adds a new transfer mode called "SuperSpeed" (SS) capable of transferring data up to 5Gbits/s (625MB/s). Dino-Lite models with USB 3.0 offer an image transfer speed of up to 45FPS at a 1280 x 960 resolution. SuperSpeed allows you to take advantage of the full power of the Dino-Lite Edge Series optics including improved colour accuracy and image quality.



High speed



Continuous ~10x-70x



The Dino-Lite AM73115MTF is a USB 3.0 model with a magnification range of 10x - 70x and an Extra Long Working Distance of up to 48 cm. At a 70x magnification the distance to the object can reach an unparalleled 108 mm. This model is member of the Dino-Lite Edge family with the latest, cutting-edge optics, an unmatched 5 megapixel sensor and several special features such as Flexible LED Control (FLC), full metal body, extensive measurement functions, calibration, exchangeable front caps and more.

The AM73115MTF is a special product within the Dino-Lite USB 3.0 range. For professionals who are looking for a large working distance and high speed data transfer combined with the best available image quality, this is the model of choice.

Optical Data Ta	able			
MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE	VIEW(X)	VIEW(Y)	FIELD
Listed values				Unit = mm
may differ				
slightly				
10	503	39.1	31.3	31.49
20	271	19.5	15.6	8.67
30	196	13.0	10.4	4.20
40	159	9.8	7.8	2.56
50	135	7.8	6.3	1.76
60	120	6.5	5.2	1.31
70	108	5.6	4.5	1.03

Spécification

Lighting	
Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Infrared filter	IR cut-filter >650 nm
Diffuser available	Yes (N3C-D optional)

Emission filter	No			
Polarizer	No			
Optics				
Magnification	10-70x			
Macro zoom	No			
Working distance	Long			
Lens type	Glass with anti-reflection coating			
Sensor				
Sensor type	CMOS			
Resolution	5 Megapixel (2560x1920)			
Maximum frame rate	45fps (max 20fps video recording)			
Compatibility				
Interface	USB 3.0, Cable included**			
Operating system	Windows7, 8, 10 & 11, MacOS 10.9 and up			
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)			
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)				
Supported image formats	JPEG, PNG			
(MacOS)				
Supported video formats	MOV (max 1.3MP)			
(MacOS)				
Imaging standards	DirectShow, UVC			
Wifi	No			
Housing				
Housing material	Metal housing			
Magnification lock	Yes			
Dimensions	11.9cm (L) x 3.3cm (H)			
Weight	110g			
Cable length	1.8m			
Features				
Special feature	Flexible LED Control (FLC), Extra Long Working			
	Distance			
Measurement	Yes			
Calibration	Yes			
Microtouch sensor	Yes			
ESD safe	Yes			
Information				
Package contents	Microscope, carry pouch, software CD, user manual, quick guide, calibration target			

Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€1000,00 - €1200,00
Note	**Dino-Lite USB 3.0 models use a custom USB-A
	and USB-C cable that is specifically designed for
	Dino-Lite