

AM5018MZTL

Brand: Dino-Lite

Product Code: AM5018MZTL

Short Description

Direct DVI connection

Robust metal housing

20-90x magnification

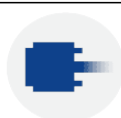
Long working distance

Polarizer (anti-reflection)

High 720p HD resolution

Description

The Dino-Lite AM5018MZTL can be connected directly to a HDTV or a LCD monitor through a direct digital DVI / HDMI interface. It offers sharp and vibrant HD 720p resolution to display even the smallest details.



DVI
connector



High speed



Continuous
~20x-90x



HD
720 p



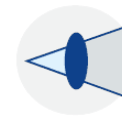
8 White LEDs
switchable



Metal
housing



Long working
distance



Polarizer
anti-reflection



Magnification
lock

Together with the long working distance of up to 15 centimetres the AM5018MZTL is the ideal choice in situations, where real time images are vital, such as working on PCB's or other miniature objects. By tapping the Microtouch sensor on the microscope, the image can be frozen for inspection of important details and by pressing the Microtouch sensor for 2 seconds the LEDs can be switched on and off. The aluminium housing offers enhanced protection and durability and has the best look and feel. The built-in adjustable polarizer reduces glare and reflection on shiny objects, such as metal surfaces, electronics, plastics etc.

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	151.0	19.6	15.6	6
30	101.0	13.0	10.4	3.4
40	77.2	9.8	7.8	2.2
50	64.1	7.8	6.3	1.65
60	56.2	6.5	5.2	.
70	51.3	5.6	4.5	.
80	48.3	4.9	3.9	.
90	46.6	4.3	3.5	0.8

**Listed values
may differ
slightly**

Unit = mm

Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Infrared filter	IR cut-filter >650 nm
Emission filter	No
Polarizer	Yes, linear
Optics	
Magnification	20-90x
Macro zoom	No
Working distance	Long
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	HD 720p
Maximum frame rate	60 fps
Compatibility	
Interface	DVI & HDMI
Wifi	No
Housing	
Housing material	Metal housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	140g
Cable length	1.8m
Features	

Special feature	No
Measurement	No
Calibration	No
Microtouch sensor	Yes
ESD safe	Yes
Information	
Package contents	Microscope, carry pouch, DVI & HDMI cable, power adapter, user manual
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€700,00 - €900,00

Product Gallery