

# AM5018MZT



The Dino-Lite AM5018MZT can be connected directly to a HDTV or a LCD monitor through a direct digital DVI interface. It offers sharp and vibrant HD 720p resolution to display even the smallest details.

Magnification from 20x to 50x and 200x depending on working distance, and also freedom to freeze the live video by tapping the Microtouch sensor on the microscope.

## TECHNICAL SPECIFICATIONS

Interface	DVI
Resolution	HD 720 p
Adjustable Magnification	20x~50x, 200x (Continuous magnification without switch lenses)
Frame rate	up to 60 fps
Sensor	Color CMOS
Illumination	built-in 8 white LED (ON/OFF Turn on or off the LED's with our slick MicroTouch II technology)
Microtouch	LED On/Off-Tap and hold for two seconds - Freeze/unfreeze frame-Tap
Polarizer	Yes

## DIMENSIONS

Size body	10.5cm (H) x 3,2cm (D)
Weight	~90g

## APPLICATIONS

Science / Engineering work / Study / Detailed repair / Assembly & quality control / Electronic industry / Mechanical industry/ Hobbies & collecting (coin, stamp, watch, jewelry, etc) On line chatting / Antiques / Enforcement

**INFORMATION ABOUT WORKING DISTANCE AND FIELD OF VIEW**

M	WD	FOV(X)	FOV(Y)
20	48.7	19.8	14.9
30	21.7	13	7.3
40	9.0	9.8	5.5
50	1.9	7.8	4.4
60	-2.3	6.5	3.6
220	-0.1	1.8	1
230	1.0	1.7	1
240	2.1	1.6	0.9

M = magnification rate

WD = working distance

FOV = field of view

Unit = mm