

AM5218MZT



The Dino-Lite Edge DVI series AM5218MZT offers stunning image quality with minimal display lag within a wide range of magnification. Connecting directly to a LCD monitor with 720p, the AM5218MZT can be well-suited to a host of inspection or assembly applications where space is a luxury or security is a concern.

### Overview



#### DVI interface

The DVI interface allows Dino-Lite to deliver real-time images to a LCD monitor without the presence of a computer.



#### High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



#### Microtouch button

This touch-sensitive button allows to freeze/unfreeze image or to control the LED on/off with a long-tap.



#### Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



#### Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, coaxial-light, etc.

## Interchangeable front caps



### N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.



### N3C-D / Diffuser Cap

This cap diffuses the LED light.



### N3C-D2 / Opal Diffuser Cap

This cap diffuses the LED light.



### N3C-E / Extended Open Cap

Dino-Lite Edge (stand type) will focus at approximately 200x when the cap touches surface.



### N3C-L / Long Cap

This cap is useful to adjust the working focus of Dino-Lite Edge at lower magnification.



### N3C-O / Open Cap

This is the standard cap for normal usage.



### N3C-S / Sidelight Cap

This cap creates images with more depth and texture.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	11.7	2.5
30	33.5	13	7.8	1.8
40	20.9	9.8	5.9	1.5
50	13.9	7.8	4.7	
60	9.7	6.5	3.9	
70	7.1	5.6	3.4	1.0
80	5.5	4.9	3	
90	4.5	4.3	2.6	
100	4.1	3.9	2.3	
110	4	3.6	2.1	
120	4.1	3.3	2	
130	4.5	3	1.8	
140	5	2.8	1.7	
150	5.6	2.6	1.6	
160	6.3	2.4	1.5	
170	7.1	2.3	1.4	
180	8	2.2	1.3	
190	8.9	2.1	1.2	
200	9.9	2	1.2	
210	10.9	1.9	1.1	
220	11.9	1.8	1.1	0.1

M = magnification rate    WD = working distance (without front cap)    FOV = field of view    DOF = depth of field    Unit = mm

Specification

Model : AM5218MZT Dino-Lite Edge  
 Interface : DVI  
 Product Resolution : HD 720p  
 Magnification : 20x~220x  
 Frame Rate : 60fps  
 Sensor : Color CMOS  
 Microtouch : Yes  
 Unit Dimension : 10.5cm (H) x 3.2cm (D)  
 Unit Weight : 125g