

AM5116ZTL



The Dino-Lite Premier AM5116ZTL, with rotatable polarizer and long working distance, connects to a VGA monitor using D-Sub interface with 720p resolution. With these features the AM5116ZTL can be suitable for applications such as: research, education, inspection, presentation, and more.

The rotatable polarizer of the AM5116ZTL helps to suppress light reflections for delivering better clarity. It can be used in applications such as PCB repair, where the polarizer may help reduce glare for a better view of the soldering.

The long working distance feature also assists by allowing more space under the microscope. Rendering at least 5cm space to work under it with magnification up to 90x.

Overview



Long working distance

Approximately 90x max magnification over 5cm providing comfortable space between objects.



D-SUB Interface

Conveniently use the Dino-Lite on any VGA monitor with D-SUB (15-pin) interface. It is suitable for applications such as inspections, presentations, and training. That makes it useful in an assembly line, workshop, laboratory, store, and more.



Scroll Lock

Assure the knobs position with the scroll lock.



LED control

Touch sensitive control on the Dino-Lite that can conveniently switch the LEDs.



Freeze frame

Choose to take a moment and examine important details by freezing the live video simply by touching the MicroTouch on the Dino-Lite.



720p resolution

Use 720p resolution with superior image quality under Dino-Lite's attention to observe with sharp and accurate details.



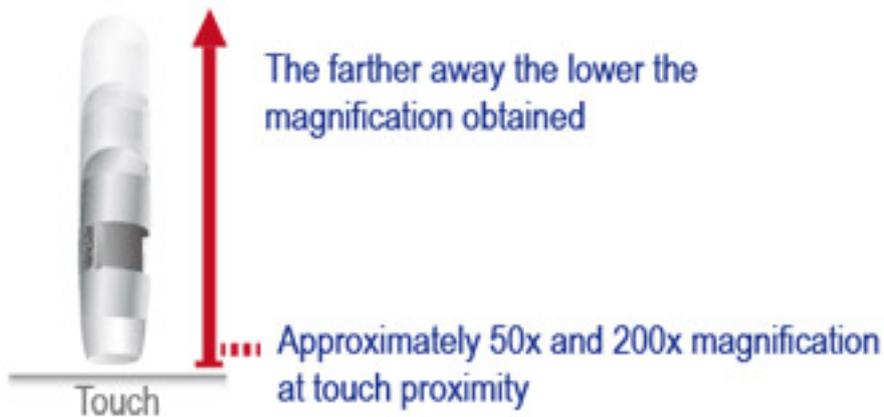
LED Control

Switch the LEDs On/Off for illumination options by simply touching the MicroTouch for two seconds.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	151.0	15.7	11.7
30	101.0	10.4	7.8
40	77.2	7.8	5.9
50	64.1	6.2	4.7
60	56.2	5.2	3.9
70	51.3	4.5	3.4
80	48.3	3.9	2.9
90	46.6	3.4	2.6

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



Specification

- Model : AM5116ZTL Dino-Lite Premier
- Interface : D-SUB (15-pin)
- Product Resolution : 720p
- Magnification Rate : 20x~90x
- Sensor : Color CMOS
- Frame Rate : 60fps
- Microtouch : TLED On/Off - Tap and hold for two seconds
- Freeze / unfreeze frame - Tap
- Lighting : 8 white LEDs
- Unit Weight : 105g
- Unit Dimension : 10.5cm (H) x 3.2cm (D)
- Package Dimensions : 16cm (L) x 16cm (W) x 6cm (H)

