

AM4112ZT



The Dino-Lite AM4112ZT handheld microscope features rotatable polarizer to decrease glare to almost any extent. It is capable to see through some surfaces of partially transparent materials such as jewelry, skin, glass, or plastic. Also it suppresses light reflections from materials such as solder joints and other reflective surfaces. The AM4112ZT can be convenient as it connects directly to a television using analog composite video that can be used in a store front, assembly line, presentation, and more.

#### Overview



##### Adjustable polarization

Useful for suppressing glare from reflective materials, such as metals, plastics, or glass, and applicable in dermatology for observing the sub dermal layer of skin.



##### Long working distance

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



##### TV connectivity

Connects to a television via composite video for either NTSC or PAL standards with 640x480 resolution.



##### Scroll Lock

Assure the knobs position with the scroll lock.



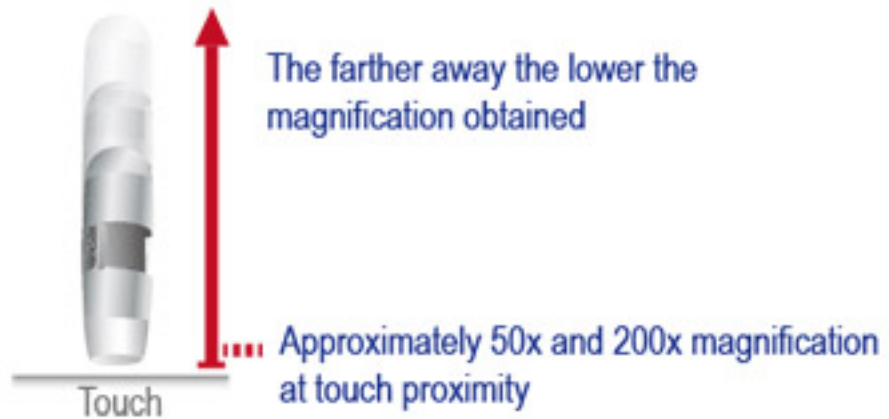
##### LED control

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

# Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	51.7	19.9	15.0	
30	24.1	13.2	10.0	
40	11	9.9	7.5	
50	3.8	7.9	6.0	
60	-0.6	6.6	5.0	
200	-0.4	2.0	1.5	
210	0.6	1.9	1.4	
220	1.7	1.8	1.4	
230	2.8	1.7	1.3	

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



Model : AM4112ZT Dino-Lite Premier

Interface : Composite Video

Product Resolution : 640x480 pixels (VGA)

Magnification Rate : 20x~50x, 200x

Sensor : Color CMOS

Microtouch : Touch sensitive trigger on the device that turns on/off the lights

Lighting : 8 white LEDs

Unit Weight : 95g

Unit Dimension : 10.5cm (H) x 3.2cm (D)

Package Dimensions : 16cm (L) x 16cm (W) x 6cm (H)



