

AM4112T



The AM4112T handheld microscope views with natural color reproductions and also provides bright and clear images at high magnifications. It can magnify objects from 20x~50x, 200x depending on working distance without changing a single lens giving the versatile performance needed built into a small handheld package. There is also a MicroTouch II trigger to turn on or off the built in lights giving you the freedom of supplying your own light source.

When a computer is not accessible, this is where the AM4112T Dino-Lite handheld microscope succeeds. It connects to a television with composite video output at resolution of 640x480 pixels, and includes a power adapter to power the Dino-Lite. It's available in either NTSC or PAL video standards depending on the region you live in.

Overview



Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



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.



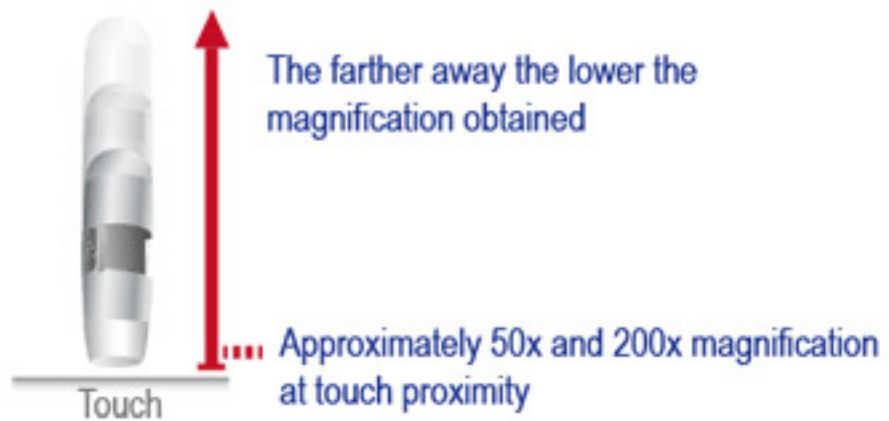
LED control

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 : AM4112T 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)

