# AM4113ZT-A

## Microscope +AMITA stand included

**POLARISED**


USB 2.0 Interface
Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC

Enhanced 1.3 Megapixels
It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.

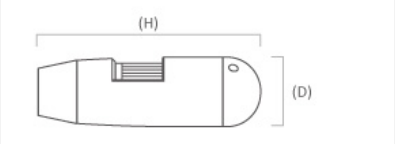
Up to 200x magnification
Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.

Scroll Lock
Assure the knobs position with the scroll lock

Professional measurement tools
Use professional measurement tools that are calibratable for assured accuracy and convienently document or share information with the bundled software.

Adjustable polarization
Useful for suppressing glare from reflective materials, such as metals, plastics, or glass.

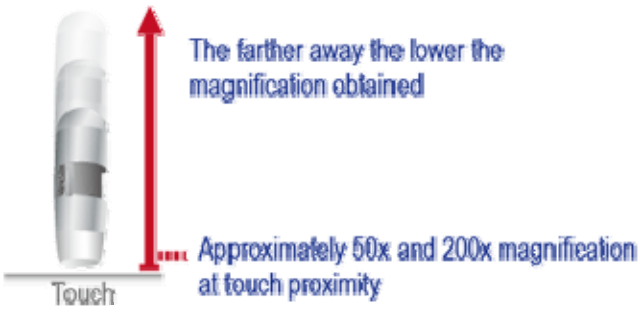
## Specifications

| | |
|---|---|
| Model | AM4113ZT Dino-Lite Premier |
| Interface | USB 2.0 |
| Product Resolution | 1.3M pixels |
| Magnification Rate | 20x~50x, 200x |
| Sensor | Color CMOS |
| Frame Rate | Up to 30fps |
| Save Formats | Image:<br>DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM<br>DinoXcope: PNG, JPEG<br><br>Movie:<br>DinoCapture2.0: WMV, FLV, SWF<br>DinoXcope: MOV |
| Microtouch | Touch sensitive trigger on the microscope for taking pictures |
| Lighting | 8 white LED lights switched on/off by software |
| Measurement Function | Yes |
| Calibration Function | Yes |
| Operating System Supported | Windows 8, 7, Vista, XP<br>MAC OS 10.4 or later |
| Unit Weight | 105 (g) |
| Unit Dimension | 10.5cm (H) x 3.2cm (D)   |
| Package Dimensions | 16cm (L) x 16cm (W) x 6cm (H) |

*The Dino-Lite Premier AM4113ZT is a 1.3 Megapixels handheld digital microscope with adjustable polarization. It is especially useful in suppressing glare from reflective materials, such as metals, plastics, or glass. The convenient Dino-Lite design allows microscopy that can be brought to the field and examine large or small objects. This model is featured with variable optical magnification capable of up to 200x. With high sensitivity 1.3 Megapixels sensor to reveal more detail under polarization and high magnification.*

*Information about working distance and field of view*

| M | WD | FOV (x) | FOV (y) |
|---|---|---|---|
| 20 | 48.7 | 19.6 | 15.6 |
| 30 | 21.7 | 13.0 | 10.4 |
| 40 | 9.0 | 9.8 | 7.8 |
| 50 | 1.9 | 7.8 | 6.3 |
| 60 | -2.3 | 6.5 | 5.2 |
| 220 | -0.1 | 1.8 | 1.4 |
| 230 | 1.0 | 1.7 | 1.4 |
| 240 | 2.1 | 1.6 | 1.3 |




M = magnification rate  WD = working distance  FOV = field of view  DOF= depth of field  Unit = mm