

# DINOLITE ( USB )

**NEW**



## Model : AM4815ZT Dino-Lite Edge

- USB 2.0
- 20 X ~ 220 X
- High Optical Resolution
- Enhanced 1.3 Megapixels
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Polarizer

### Product Description

Product Number	AM4815ZT	Magnification	20X ~ 220X
Warranty Period	1	Pixels	1.3M (SXGA)
Condition	New	Microtouch	Touch sensitive trigger on the microscope for taking pictures
Packaging	Retail Box	Data Output	USB 2.0
Sensor	Enhanced Color CMOS	Video frame Rate	up to 30 frame-per-second
Illumination	built-in 8 white LED's	Save File format	BMP, JPG, AVI
LED On/Off Function	Yes	Calibration Function	Yes
Body length	4 inches / 10.2 cm	Body Diameter	1.26 inches / 3.2cm max.
Cable length	6 feet / 180 cm	Total package weight	280g +/- 20g

### Product Applications

#### Polarizer

To many applications, it is inevitable to have reflection on the surface resulting from the built-in illumination. The freely adjustable polarizer helps to reveal more detail or to enhance the contrast on the surface by reducing or eliminating the reflections. For applications such as optical mineralogy requiring transmitted polarizing illumination, the Dino-Lite back-light pad (BL-ZW1) is optional to use with all Dino-Lite polarizer models.

#### Extended Depth of Field (EDOF)

To view a rough surface with height range out of depth of focus, the AM4815T's EDOF capture mode can take several pictures at different focus and stack them automatically within a click. The resulted EDOF image maintains the picture quality from its original pictures which also can be reviewed in DinoCapture 2.0.

#### Extended Dynamic Range (EDR)

For high contrast or reflective surface, the EDR capture mode can help to reveal the details of dark or bright areas, which may lost in normal capture mode, by stacking images taken at different exposure levels.

#### High optical resolution

The Dino-Lite Edge series have the most optimized lens and circuit design that delivers matchless image quality over the whole magnification range among the other Dino-Lite series. By using state-of-the-art lens design, it is able to achieve both the most sharp and clear images of the target, have the least aberrations at lower magnifications, and also see the most details under low lighting, enabling to gather the most details for analysis.

#### Adaptable cap design

The detachable and interchangeable front cap design used in the Dino-Lite Edge series is aiming at satisfying various applications. Different caps have been developed for better adaptability to different applications. Simply removing the cap would yield more working distance which brings convenience particularly under higher magnification range, or have better accessibility to full range of magnification from 20x to 220x.



High Optical Resolution



Extended Depth of Field (EDOF)



Extended Dynamic Range (EDR)



Polarizer



Adaptable cap design