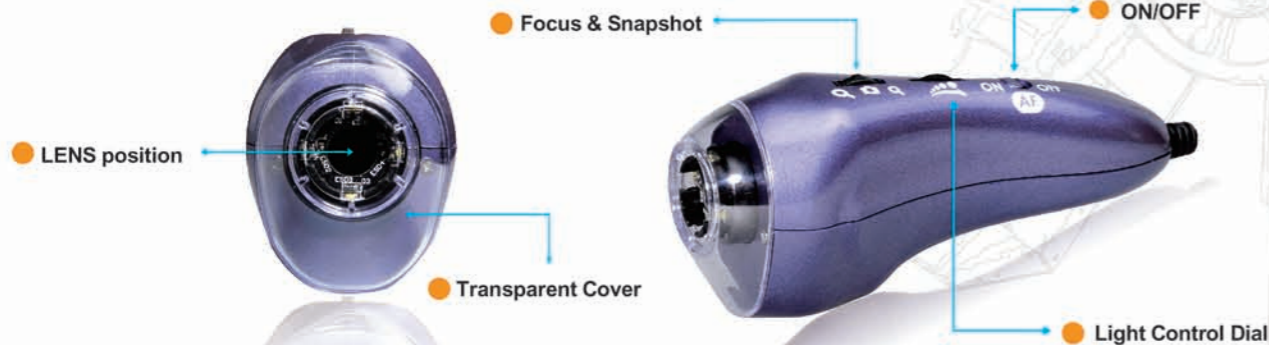


# USB Microscope UM05



## General Features

- ◆ LENS & CMOS sensor : 2M Pixels
- ◆ Magnification ratio : 1x - 80x , 320x on 22" monitor
- ◆ Auto focus : Single Autofocus or Continuous Autofocus
- ◆ Photo : 1600X1200 pixels, BMP, JPEG file
- ◆ Video : 1600X1200 pixels, AVI file
- ◆ Available webcam function
- ◆ Weight : 90g
- ◆ Light source : 4 pcs of white LEDs
- ◆ USB 2.0 High-Speed Transmission
- ◆ Power supply : via USB port 5V DC
- ◆ Dimension : 110.0(L) x 38.8(W) x 47.2(H) mm
- ◆ Far Distance Control Mode to operate all functions on microscope
- ◆ Magnification show on the preview window & leave on the photo
- ◆ Frame rate : 30FPS (resolution: 640X480), 15FPS (resolution: 1280X1024, MJPG)
- ◆ 360°rotating & height adjustable stand included in the gift box, for multi-applications
- ◆ Preview window resolution : 1600X1200, 1280X960, 1280X800, 1024X768, 800X600, 640X480
- ◆ Measurement functions : Length, Circumference, Area, Radius & Diameter, Angle, Image comparison...etc



## Friendly Users' Interface



Main Menu

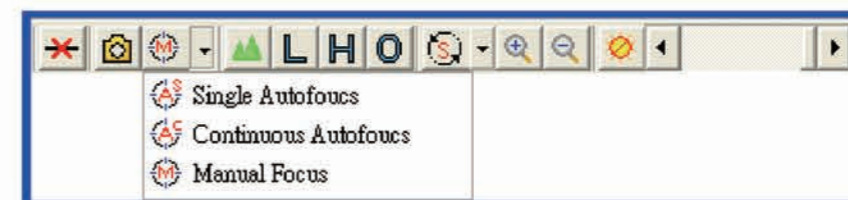
Far distance control mode toolbar



## Auto Focus“ ”

There are three focus way. Users can select their preference focus way based on different observing situation and needs. Moreover, no matter which focus way has been selected, users need to choose Long shot **L**, Low mag **L** or High mag **H** again. For example, select single Auto focus and Low mag, the microscope will only search for clearest image in the range of low mag for one time, and can not zooming in/out manually.

- (1) Single Autofocus **AS** : This mode only focus one time when it finds clearest image. Even if the focus or object changes and image become blurred, it won't focus again.
- (2) Continuous Autofocus **AC** : This mode will continuous focusing until it finds the clearest image.
- (3) Manual Focus **M** This mode requires users to operate zoom in/out manually.



Three focus way