

## Portable Digital Microscope A004

### Applications:

- Skin inspection
- Hair root inspection
- Industry inspection, i.e. PCB , precision mechanism
- Printing inspection
- Textile inspection
- Biology observation
- Cultural relic、 jewelry identification
- Mark and physic evidence    reconnaissance
- Others

### Specifications:

Model	Magnification	Resolution	Focus	Measurement	Light	Video Frame	Output
A004	1-300X	1600*1200	Auto-focus	Length,Arc length,Angle	LED	15-30FPS	USB2.0
A004+	1-500X	2592*1944	Auto-focus	Length,Arc length,Angle	LED	15-30FPS	USB2.0

### Working platforms:

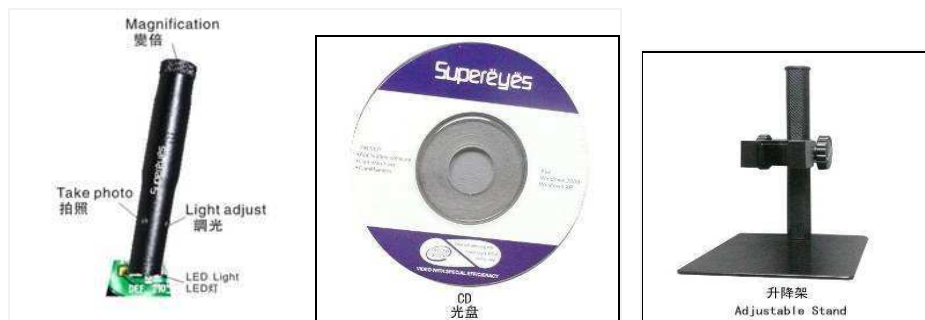
PC system requested:

- ✓ Windows 98SE/Me/2000/XP,Win98/98SE/VISTA
- ✓ Pentium 233MHz&nbsp; processor or senior than it.
- ✓ 256MB SDRAM internal storage
- ✓ USB2.0 interface
- ✓ 600MB available HD space

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## Component Parts:

1. Digital Microscope body
2. CD: Product descriptions and Software included
3. Microscope stand



## Hardware Installing and Using

1. Connect USB to PC interface
2. Microscope stand is used for fixing lens-barrel, keep lens aims at the object to observe.
3. Revolve the button above USB wire to adjust brightness.
4. Touch the microscope on the object which you want to observe.  
then you will get the images you want.
5. Focus to change the magnification of the microscopes.



### **Warn and notice!**

1. Don't touch the lens and LED with your hand as it may be dangerous or destroy the lens.
2. Don't dismantle the product which can lead to malfunction or electric

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shock accident.

3. Don't pull out the plug or other interface with damp hand .
4. Don't link other plug to the product which may lead to accidents.
5. Don't clear the product with alcohol or organic dissolvent.
6. If the lens or visor becomes dirty, you'd better use dry non-gunny cloth or special lens paper to clear. Don't touch the lens with hands which may produce scraping marks on its surface. Don't apply force when clear it.
7. This product is designed for indoor use , please avoid exposing in the open air. Lens damage can come from over-high temperature and dampness.
8. favorable use environment: temperature: 0°C ~ 40°C, relative dampness: 45% ~ 85%
9. If foreign matter or water permeated into endoscope or pull out the USB immediately and send to maintain center, no dry it with hair dryer.
10. When using the USB ware, avoiding people's being stumbled or endoscope's falling by USB.
11. To avoid possible electric shock accidents, break off the power before remove the computer or display.

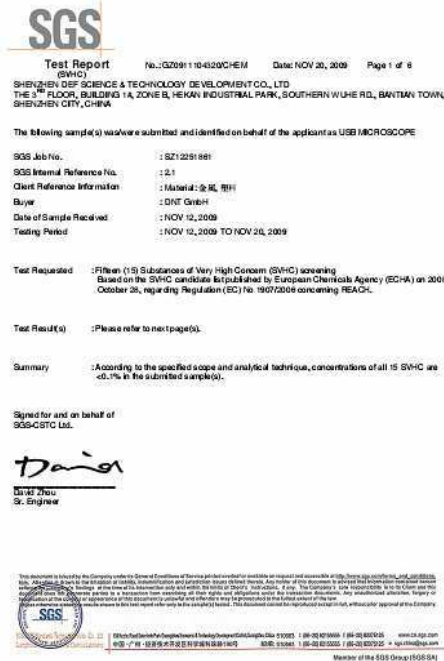
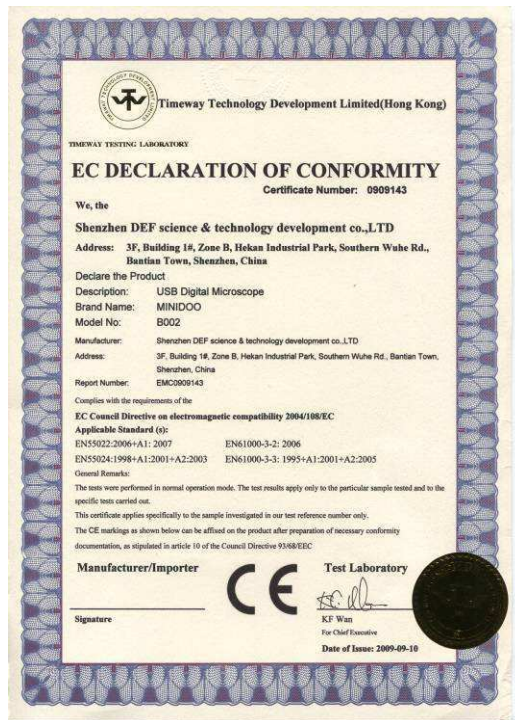
## Solution of malfunction

No	Malfunction	Possible reasons	Solution
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	eg		
1	Image black screen	Lighting malfunction Didn't open the preview Choose wrong device Didn't connect well with PC	Turn on the light Open the preview Choose suitable device Reconnect USB interface
2	Image being Vague 、discolor、 low frame rate	Dirty lens Wrong focal distance Didn't connect well with PC Lower PC configuration	Click the lens Adjust focal distance Reconnect US interface Change to another PC
3	Image distortion	Didn't connect well with PC microscope malfunction	Reconnect USB interface Return to factory to maintain
4	Image flashing	Wrong frame rate	Choose the same frame rate with ur residence town
5	Can't be recognized	Didn't connect well with PC microscope malfunction	Add dampness of pointx Return to factory to maintain
6	Pointx: slow reaction、 no reaction	Climate factor microscope malfunction	Straighten the tube Return to factory to maintain

## Certifications



## Disclaimer

This product's manufacturer and retailer won't be responsible for any



products damage results from improper use. This instruction book's contents are synchronous with current products. Manufactured by D&F Corp. we won't be responsible for any error in contents because products update. Meanwhile we don't undertake the obligation of update text content and information.