

**Supereyes™**

## **Handheld USB Digital Microscope**

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Model B010

## **User Guide**

**MARCH 2013**

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## Safety Precautions ⚠

1. To avoid electrostatic damage, do not touch the lens with finger.
2. Do not attempt to disassemble this product by yourself. Opening the covers may expose you to dangerous voltage points or other risks.
3. When hands are wet, do not plug in or remove the adaptor or other connectors.
4. Do not clean the products with ethyl alcohol or other organic solvent.
5. Please use a lens brush or soft cloth to wipe clean.
6. Avoid touching lens with your fingers.
7. Temperature: 0°C ~ 40°C; Humidity: 45% ~ 85%.
8. If liquid entered, immediately turn off power. Please send to service center for repair. Do not use blow dry.

## Introduction

Thank you for purchasing Supereyes Handheld Digital Microscope. With this unit you will see a unique and “bigger” world. Handheld Digital Microscope is easy to use. It’s easy to zoom in on stamps, coins, paper currency, plants, insects, rocks and minerals, hair, skin, teeth, textile, and so much more.

Prior to the first use, we recommend reading this manual to get the best out of this unit.

## Computer System Requirement

- Windows XP SP2 or above, Mac OS X 10.5 or above, Linux
- CPU: Pentium 233MHz and above
- Memory: 256MB
- Interface: USB 2.0
- HDD storage space: 600MB and above

## Technical Specifications

Image sensor	2.0 Mega Pixels
Magnification factor	1/10 ~ 400 times (continuous zoom capability)
Focus range	0mm ~ ∞
Focus type	Manual
Photo capture resolution	1600 X 1200, 640 × 480, 320 × 240
Photo format	JPGE, BMP
Video capture resolution	640 ×480
Video format	High compression WMV, maximum 11 hours long
Display speed	Max 30f/s
Light Sources	LED illumination (adjustable by control wheel)
Interface	USB 2.0
Power source	5V DC from USB port
Operating System	Windows XP SP2 or above, Mac OS × 10.5 or above, Linux
OSD language	English, Chinese, Japanese
Software Bundle	Supereyes’ software with measurement and calibration function
Max Size	Ø17mm × 126 mm

## Package Information

1. The body of digital microscope.
2. CD for Supereyes Software and driver.
3. Tripod (optional for B005, B005+, B003+, B010 and etc.).
4. Adjustable stand (optional).
5. Health kit accessories (optional).

## Installation and use

1. Plug the USB cable into PC or Mac.

For Mac OS 10.5 or above, please use Photo Booth or Facetime to open the microscope;

For Windows XP SP1 or below, please install driver first.

For Windows XP SP2 or above, no driver is needed.

2. Install the Supereyes' software.

Put Supereyes CD into CD-ROM (if you have any problems with CD, please go to **[www.supereyes.cc](http://www.supereyes.cc)** to download software).

Click Supereyes Vx.x.Setup.exe in the CD to install software.

Note: this unit is plug and play. Other web camera software, such as MSN or Google online chat, could open it.

3. Start Microscope in Supereyes software (suggested). Please refer to the Supereyes Software User Manual.

4. If need, please fix the body of microscope into the clip of the tripod (for more accurate operation, please choose professional microscope adjustable stand), adjust the lens to the object inspected.

5. Choose a suitable distance between the microscope and the objects, and then adjust the focus.

6. Adjust the LED light by touch button (not for all models) or control wheel.

## Trouble Shooting

	<b>Trouble vision</b>	<b>Possible Reason</b>	<b>Solution</b>
1	Blank screen	LED is closed; Preview is closed; No suitable devices; Incorrect connection with PC.	Open LED; Open preview; Choose suitable devices; Connect USB again.
2	Vague picture, discoloration, slow speed	Dirty lens; Incorrect focus; Incorrect connection with PC; The Configuration of PC is too low;	Clean by Lens paper; Adjust focus; Connect USB again; Choose new PC;
3	Picture distortion	Incorrect connection with PC; Trouble inside of microscope.	Connect USB again; Contact to repair.
4	Flicker picture (Wireless model)	Bad frequency	Choose the suitable frequency.
5	Cannot recognized	Incorrect connection with PC; Trouble inside of microscope.	Connect USB again; Contact to repair.

## Technical Support

Visit Supereyes website [www.supereyes.cc](http://www.supereyes.cc) to find solutions to common problems and video tutorials. You can download drivers and documents under Technical Support. Please email [help@supereyes.cc](mailto:help@supereyes.cc) if you need help.

## Disclaimer

The manufacturer and distributor of this product shall not take the responsibilities on the damages caused by the improper using of this product or other artificially damages.


The content of this User Guide is based on the current specification of this product. The manufacturer D&F Corp shall not take the responsibility of any inconsistent of the specification to the product for the purpose of improvements and other reasons. Meanwhile, D&F Corp do not have the obligation for updating the content and any information of this manual momentarily.



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Certifications

TimeWay Technology Development Limited(Hong Kong)



**EC DECLARATION OF CONFORMITY**  
Certificate Number: 0909143

We, the  
**Shenzhen DEF science & technology development co.,LTD**  
Address: 3F, Building 18, Zone B, Hehan Industrial Park, Southern Wuhu Rd., Bantian Town, Shenzhen, China

Declare the Product  
Description: USB Digital Microscope  
Brand Name: MINIDOO  
Model No: B002  
Manufacturer: Shenzhen DEF science & technology development co., LTD  
Address: 3F, Building 18, Zone B, Hehan Industrial Park, Southern Wuhu Rd., Bantian Town, Shenzhen, China  
Report Number: EMC0909143

Complies with the requirements of the  
**EC Council Directive on electromagnetic compatibility 2004/108/EC**  
Applicable Standard (s):  
EN55022:2006+A1:2007 EN61000-3-2:2006  
EN55024:1998+A1:2001+A2:2003 EN61000-3-3:1995+A1:2001+A2:2005

General Remarks:  
The tests were performed in normal operation mode. The test results apply only to the particular sample tested and to the specific test carried out.  
This certificate applies specifically to the sample investigated in our test reference number only.  
The CE markings as shown below can be affixed on the product after preparation of necessary conformity Assessment, as stipulated in article 10 of the Council Directive 93/68/EEC.

Manufacturer/Importer: \_\_\_\_\_ Test Laboratory: \_\_\_\_\_  
Signature: \_\_\_\_\_ K.F. Wan For Chief Executive Date of Issue: 2009-09-10

**SGS**  
Test Report No.: G2091104310CHEM Date: NOV 26, 2009 Page 1 of 4

SHENZHEN DEF SCIENCE & TECHNOLOGY DEVELOPMENT CO., LTD  
THE 3<sup>RD</sup> FLOOR, BUILDING 18, ZONE B, HEHAN INDUSTRIAL PARK, SOUTHERN WUHU RD., BANTIAN TOWN, SHENZHEN CITY, CHINA

The following sample(s) were submitted and identified on behalf of the applicant as USB MICROSCOPE

SGS Job No.: IS212091866  
SGS Internal Reference No.: 12.1  
Client Reference Information: Material: 金, 塑  
Buyer: DNT GmbH  
Date of Sample Received: NOV 12, 2009  
Testing Period: NOV 12, 2009 TO NOV 24, 2009

Test Requested: Fifteen (15) Substances of Very High Concern (SVHC) screening Based on the SVHC candidate list published by European Chemicals Agency (ECHA) on 2008 October 25, regarding Regulation (EC) No 1831/2003 concerning REACH.

Test Result(s): Please refer to next page(s).

Summary: According to the specified scope and analytical technique, concentrations of all 15 SVHC are <0.1% in the submitted sample(s).

Signed for and on behalf of  
SGS-CSTC Ltd.  
*Daniel*  
Daniel Zhou  
Sr. Engineer

Signature: \_\_\_\_\_  
For Chief Executive  
Date of Issue: 2009-09-10

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Applicant: SHENZHEN DEF SCIENCE & TECHNOLOGY DEVELOPMENT CO LTD  
Ansprechpartner: ANDY WOO  
Contact person: ANDY WOO  
Datum des Berichts: NOVEMBER 24, 2009  
Date of report: NOVEMBER 24, 2009  
Kunde n. Referenz: /  
Client Reference: /

Artikel No.:	BV C 291 Luoke No.	(ROHS) 62008
Artikel-Nr.:	BV C 291 Luoke No.	
Artikel-Bezeichnung/Description:	Fo-Handvergrößerung / Sample (Magnifying)	USED DIGITAL MICROSCOPE



Verification assessment according to RoHS Directive 2002/95/EC  
WEEE Classification III IT and telecommunications equipment

Das Produkt erfüllt nach den durchgeführten Untersuchungen die Anforderungen der RoHS Richtlinie 2002/95/EC.  
The product fulfills the requirements of the RoHS Directive 2002/95/EC.

*W. Heid*

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测试日期: 2009年11月20日 - 2009年12月01日  
测试语言: 依客户需求测试  
测试方法: 待测试下一次  
测试结果: 待测试下一次

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