



# **Handheld USB Digital Microscope**

---

Model No. A005/A005+

## **User Guide**

**FEBRUARY 2013**

©2013 Shenzhen D&F Co. All rights reserved.

Printed in China

## Contents

Safety Precautions⚠	1
Introduction	2
Computer System Requirement	2
Technical Specifications	2
Package Information	3
Installation and use	3
Trouble Shooting	4
Technical Support	4
Disclaimer	5
Certifications	6

## 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	2.0/5.0 Mega Pixels
Magnification factor	0.1 ~ 300 /(0.1~500 times) continuous zoom capability
Focus range	0mm + $\infty$
Focus type	Auto + Manual
Photo capture resolution	(2592 x 1944 for A005+), 1600 X 1200, 640 x 480, 320 x 240
Photo format	JPG, BMP
Video capture resolution	640 x 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 x 10.5 or above, Linux
OSD language	English, Chinese, Japanese
Software Bundle	Supereyes’ software with measurement and calibration function
Max Size	Ø17mm x 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).

## 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

	Trouble vision	Possible Reason	Solution
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 does not have the obligation for updating the content and any information of this manual momentarily.



**Follow us**

**Facebook:** <http://www.facebook.com/pages/Supereyes/127271414107804>

**Twitter:** <https://twitter.com/SupereyesWorld>

## Certifications





**BUREAU VERITAS**  
Consumer Product Services Germany GmbH



**Bescheinigung über RoHS Anforderungen Verifizierung**  
**Certificate of RoHS Verification**

Kunde : SHENZHEN DEF SCIENCE & TECHNOLOGY DEVELOPMENT CO  
Applikant : LTD  
Ausgewerkter Name : ANDY WOO  
Datum des Berichts :  
Date of report : NOVEMBER 24, 2009  
Kunden Referenz :  
Client Reference :

Artikel No. : Article No. :	1	DVC-FS-Laser-Ver. DVC-FS-Laser-Ver. :	0603016-0208
Artikel Beschreibung : Article Description :	1	Forschungseinrichtung : Sample Description :	USB DIGITAL MICROSCOPE



Verification assessment according to RoHS Directive 2002/95/EC			
WEEE Classification	II	IT and telecommunication 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. H. H.*

Bureau Veritas Consumer Product Services Germany GmbH

<b>BUREAU VERITAS Consumer Product Services Germany GmbH</b>		
Standort Schwaben: Deflex Testing Vöhringen-Hausenstraße 8 D-18081 Schwaben Tel. +49 381 39337-0 Fax. -30 CPD.schwaben@bureauveritas.com	Standort Hamburg: Hardness Testing Georgelstraße 103 D-21107 Hamburg Tel. +49 40 393330-1 Fax. +130 CPD.hamburg@bureauveritas.com	Laboratory Accreditation: ISO 17025 Hamburg-Reg. 1992 2004 Schwaben <a href="http://www.gps.bureauveritas.com">http://www.gps.bureauveritas.com</a>



**测试报告**

No. CANE0505780002 日期: 2009年12月02日 第1页, 共9页

深圳德与利科技有限公司  
中国深圳市宝安区西乡街道铁岗社区工业路21-153号

以下测试之样品是由客户提供并确认:

USB显微镜	
908 工作编号	12360120-82
测试样品信息	德律风 德律风
908 内部编号	4.2
样品发布日期	2009年11月26日
测试日期	2009年11月26日 - 2009年12月01日
测试要求	根据客户要求进行测试
测试方法	请参考下一页
测试结果	请参考下一页

深圳德与利科技有限公司  
授权签名

*Manson*  
Manson Yang 陈以飞  
测试工程师

This document is issued by the Company under the General Conditions of Service which are available on request and accessible at [www.sgs.com](http://www.sgs.com). It is subject to the terms and conditions of the General Conditions of Service which are available on request and accessible at [www.sgs.com](http://www.sgs.com). The Company is not responsible for the accuracy of the information provided in this document and does not accept any liability for any loss or damage caused by the use of the information provided in this document. The Company is not responsible for the accuracy of the information provided in this document and does not accept any liability for any loss or damage caused by the use of the information provided in this document.



SGS Group Limited, 12, rue de la Bourse, 67036 Strasbourg Cedex 2, France  
中国 - 广州 - 经济技术有限公司深圳分公司 (注册号: 4401011000000000) 138-2387-8888 138-2387-8888 [www.sgs.com](http://www.sgs.com)  
Member of the SGS Group (5058 54)