

Supereyes™

Handheld USB Digital Microscope

Model B003+

User Guide

FEBRUARY 2013

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Printed in China

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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 ~ 300 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	∅11mm × 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** 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 to find solutions to common problems and video tutorials. You can download drivers and documents under Technical Support. Please email 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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Facebook: <http://www.facebook.com/pages/Supereyes/127271414107804>

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

Certifications

Timeway Technology Development Limited (Hong Kong)

TIMEWAY TESTING LABORATORIES

EC DECLARATION OF CONFORMITY

Certificate Number: 0909143

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

Declares 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, Hekun Industrial Park, Southern Wube Rd., Bantian Town,
Shenzhen, China
Report Number: EMC0000143

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

Notes:
The test was performed in normal operation mode. The test results apply only to the particular sample tested and to the specific use stated on it.
This certificate applies specifically to the sample investigated in our test reference number only.
The CE markings on these items can be affixed on the product after preparation of necessary conformity assessment, as stipulated in article 10 of the Council Directive 2006/95/EC.

Manufacturer/Importer **CE** Test Laboratory

Signature:  X.F. Wan
For Chief Executive
Date of Issue: 2009-09-10

SGS

Test Report No.: (S209)104026CHEM Date: NOV 26, 2009 Page 1 of 4
(ZINC)

SHENZHEN DEF SERVICE & TECHNOLOGY DEVELOPMENT CO., LTD
THE 3RD FLOOR, BUILDING 18, ZONE B, HEKUN INDUSTRIAL PARK, SOUTHERN WUBE RD., BANTIAN TOWN,
SHENZHEN CITY, CHINA

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

SGS Job No.: 15212091889
SGS Internal Reference No.: 121
Client Reference Information: 1 Material: 金壳, 塑料
Buyer: 1 DNT Center
Date of Sample Placement: 1 NOV 12, 2009
Testing Period: 1 NOV 12, 2009 TO NOV 26, 2009

Test Requested: 1 Fluen (1) Substance of Very High Concern (SVHC) according
to 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): 1 Please refer to next page(s).

Summary: 1 According to the specified scope and analytical technique, concentration of all 15 SVHC are
<0.1% in the submitted sample(s).

Signed for and on behalf of
SGS-CSTC Ltd.


Daniel Zhou
Sr. Engineer



Member of the SGS Group (152) 041

BUREAU VERITAS
Consumer Product Services Germany GmbH

AKS Akkreditierung, Zertifizierung
Regulierung, Messung und
Maßnahmenüberwachungsdienste

Bescheinigung über RoHS Anforderungen Verifizierung Certificate of RoHS Verification

Kunde: SHENZHEN DEF SCIENCE & TECHNOLOGY DEVELOPMENT CO
LTD
Angefragt von: ANDY WOO
Datum des Berichts: NOVEMBER 24, 2009
Kunde in Erfahrung: NOVEMBER 24, 2009
Client Reference: 0909143

Artikel No.:	DVC 270 Lacke v.a.	(MINIDOO) B002
Artikel No.:	30 11270 reference no.	
Artikel Beschreibung:	Probandenbezeichnung:	USB DIGITAL MICROSCOPE
Artikelnummer:	Sample Description:	



Verification assessment according to RoHS Directive 2002/95/EC
WEEE Classification: 01 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.



Bureau Veritas Consumer Product Services Germany GmbH

BUREAU VERITAS Consumer Product Services Germany GmbH

Standard Services Software Testing
Walter-Hornstrasse 1/2
D-18051 Schwane
Tel: +49 381 38037-3 Fax: -30
CP: schwan@bureauveritas.com

Standard Testing Hardware Testing
Gartenstrasse 21-103
D-21077 Hamburg
Tel: +49 40 35703-352 Fax: -186
CT: hamburg@bureauveritas.com

Laboratory Accreditation/ISO 17025
Mantelstr. 149 3364 Schwelm
Tel: +49 2309 9000-1 Fax: +49 2309 9000-2
http://www.bv.com/germany

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深圳德信科技有限公司
中国深圳市宝安区西乡街道铁岗社区工业路23-1号3楼

以下所列之样品由客户提供并经过确认:
样品名称:
SGS工作单号: 12309120-52
客户样品号: 德信设备
SGS内部编号: 4.2
样品接收日期: 2009年11月20日
测试日期: 2009年11月20日 - 2009年12月01日
测试设备: 德信客户提供的设备
测试方法: 德信设备一法
测试标准: 德信设备一法

深圳德信科技有限公司
蔡松宏


Manson Yang 蔡松宏
高级工程师



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