



Handheld USB Digital Microscope

Model Y001

User Guide

APRIL 2016

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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	0.3 Mega Pixels
Magnification factor	50 times (continuous zoom capability)
Focus range	1cm
Focus type	Fixed
Photo capture resolution	640 × 480
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	∅5mm (lens), 120 (tube length), 246 (total length)

Package Information

1. The body of digital microscope.
2. CD for Supereyes Software and driver.
3. Tripod (optional).
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-store.com 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-store.com to find solutions to common problems and tutorial videos. 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)

EC DECLARATION OF CONFORMITY
Certificate Number: 0909143

We, the
Shenzhen DEF science & technology development co.,LTD
Address: 3F, Building 1A, Zone B, Hekun Industrial Park, Southern Wade Rd.,
Bantian Town, Shenzhen, China

Declare the Product
Description: USB Digital Microscope
Brand Name: MINDOO
Model No: B002
Manufacturer: Shenzhen DEF science & technology development co., LTD
Address: 3F, Building 1A, Zone B, Hekun Industrial Park, Southern Wade 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 tests 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 documentation, as stipulated in article 10 of the Council Directive 93/68/EEC

Manufacturer/Importer **CE** Test Laboratory
Signature:  X.F. Wan
For Chief Executive
Date of Issue: 2009-09-10

SGS

Test Report No.: GZ091104329CHEM Date: NOV 20, 2009 Page 1 of 8
(SWHC)
SHENZHEN DEF SCIENCE & TECHNOLOGY DEVELOPMENT CO., LTD
THE 3RD FLOOR, BUILDING 1A, ZONE B, HEKUN INDUSTRIAL PARK, SOUTHERN WADE RD., BANTIAN TOWN,
SHENZHEN CITY, CHINA

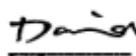
The following sample(s) was/were submitted and identified on behalf of the applicant as USB MICROSCOPE

SGS Job No.: : SGT2009066
SGS Internal Reference No.: : 1.1
Client Reference Information : Material: 金壳, 塑料
Buyer : DNT GmbH
Date of Sample Received : NOV 12, 2009
Testing Period : NOV 12, 2009 TO NOV 20, 2009

Test Requested : Filtered (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 1907/2006 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 ZHOU
Sr. Engineer

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BUREAU VERITAS
Consumer Product Services Germany GmbH

AKS Akkreditierungszentrum
Region für AEM-P 01001010
Statistische Akkreditierungsstelle Hannover

Bescheinigung über RoHS Anforderungen Verifizierung
Certificate of RoHS Verification

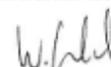
Kunde: SHENZHEN DEF SCIENCE & TECHNOLOGY DEVELOPMENT CO
-Applikant: LTD
Angefragt von: ANDY WOO
Datum des Berichts: NOVEMBER 24, 2009
Date of report:
Kunden Referenz: /
Client Reference: /

Artikel No.:	/	RoHS 2.0 Liefer No.:	090909143/001
Artikel No.:	/	RoHS 2.0 Liefer No.:	090909143/001
Artikel Beschreibung:	/	Für Beschreibung:	USB DIGITAL MICROSCOPE
Artikelbezeichnung:	/	Sample Description:	



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

SGS

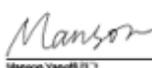
测试报告 No.: CANE026078002 日期: 2009年12月02日 第1页, 共8页

深圳华恒科技有限公司
中国深圳市宝安区西乡街道铁岗社区工业路31-153号

以下测试之样品由客户提供并确认:
UWB设备

SGS 工作编号	: 12389120 - 52
测试样品数量	: 待测试设备
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
测试语言	: 依照客户要求测试
测试方法	: 请参考下一页
测试结果	: 请参考下一页

深圳华恒科技有限公司
蔡松基


Manson Yang 蔡松基
高级工程师

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