

Superëyes Handheld Digital Microscope

User's Manual

(B003)

Introduction

Thank you for using Superëyes Handheld Digital Microscope

Handheld Digital Microscope has a wide scope of applications, such as:

1. Skin detection
2. Hair root detection
3. Industrial inspections (such as print PCB board, precise equipment)
4. Printing
5. Textile
6. Biologic inspection
7. Antique and Jewelers inspection
8. Crime scene, imprint and material evidence investigation
9. Others

Handheld Digital Microscope can be connected with computer and easy to operate .Using the additional software, you can make picture capture and video recording easily.

In order to make you enjoy the funny to use Handheld Digital Microscope, please read this User's Manual.

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Specification:

1. Resolution: 2-5Mega
2. Inner optic-lens
3. Magnification: 10-150times
4. Measurement function (special modes)
5. Anti-tremble picture capture function
6. Inner LED illumination
7. Display speed: 30FPS
8. Interface: USB (PC)

System Requirement:

The computers should be required as:

OS: Windows 98SE/Me/2000/XP,Win98/98SE/VISTA

XP/VISTA----Plug and play

CPU: Pentium 233MHz and above

Memory: 256MB SDRAM

Interface: USB2.0

HDD storage space: 600MB and above

Safety Precautions: 

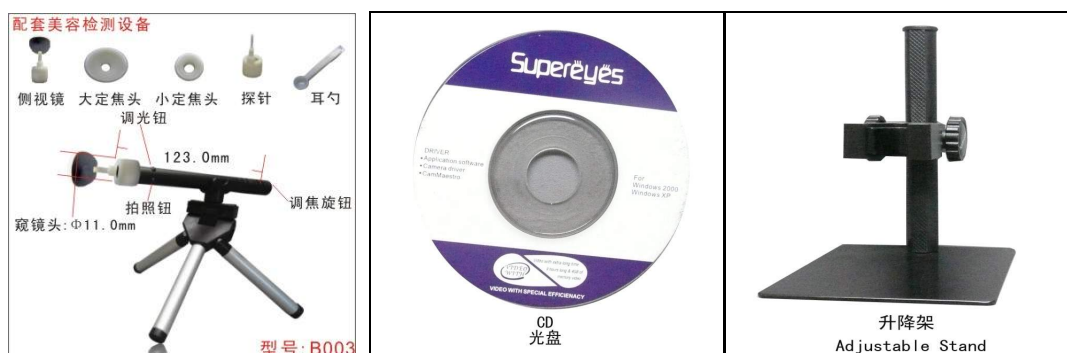
1. Do not touch the lens with finger to avoid electrostatic damage.
2. Do not attempt to disassemble this product yourself. Opening the covers may expose you to dangerous voltage points or other risks.
3. When hands are wet, do not plug in or remove the adaptor or other connectors.
4. Using or storing USB microscope , do not plug in any other cables.
5. Do not clean the products with ethyl alcohol or other organic solvent camera case, painted surfaces & lens.
6. If the lens is dirty, please use a kens brush on soft cloth to wipe clean. Avoid touching them with your fingers. Exercise care to avoid scratching the lens.
7. Without protection, do not put microscope outdoor to avoid the lens damaging by high temperature or humidity.
8. Temperature: 0°C ~ 40°C and Humidity: 45%~85%.
9. If liquid has entered stage, immediately turn the power off and use dryer neither. Please send to the maintenance center
10. Using or storing USB microscope, need to watch all cables to avoid

trip over.

11. To avoid electric shock. When remove all electric PC or TV. Please pull out the power source.

Component

1. The body of digital microscope (attached photos on hardware installation and User's Manual)
2. CD (for special function)
3. Tripod (for microscope using)
4. Desktop microscope adjustable-stand (optional)



Hardware installation and using

1. Plug USB Cable into PC
2. If need fix, please fix the body of microscope into the clip of the tri-pod(accurately operation, please choose professional microscope adjustable stand when accurately operation is needed), adjust the lens to the object inspected.
3. Choose the suitable distance between the stage and the objects, adjust the focus.
4. Adjust the LED light by touch button (not for all models) or light

control



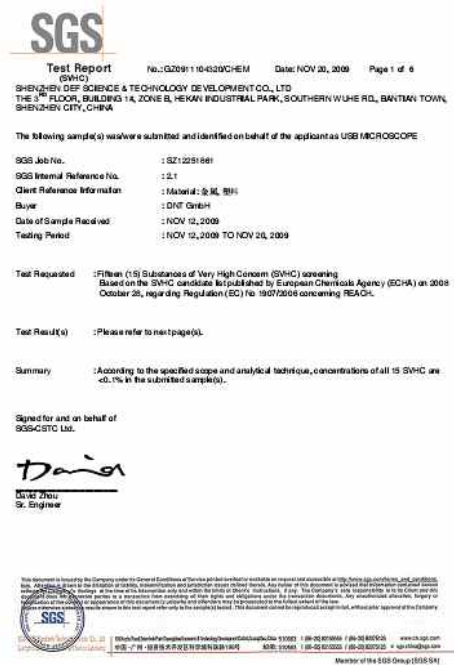
5. Hand-held use, accessories can be rotated in the appropriate front-end parts of the microscope, so that it can be convenient to use or pocket outlook.

Difficulty resolution

Items	Trouble vision	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	Picture vague、 Discoloration speed slow	Dirty lens Incorrect focusing Incorrect connection with PC The Configuration of PC is too low	Clean by Lens paper Adjust focusing Connect USB again Choose new PC
3	Picture distortion	Incorrect connection with PC Trouble inside of microscope	Connect USB again Back to repair

4	Flicker picture	Bad frequency	Choose the suitable frequency
5	Can not recognize	Incorrect connection with PC Trouble inside of microscope	Connect USB again Back to repair
6	Touch reflect slow, no reflect	Climate effect Trouble inside of microscope	Make the touch-bottom Humidity Back to repair

Certificate



Bescheinigung über RoHS Anforderungen Verifizierung
Certificate of RoHS Verification

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

Artikel-Nr. : Article No. :	/	BV CPS Labor-Nr. : BV CPS reference no. :	09590164208
Verfahrenbeschreibung : Sample description :	/	Fen beschreibung : Sample description :	DIGITAL MICROSCOPE



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.

W. Loh

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以下测试之样品是由申请客户提供及确认:

USB显微镜
 SGS工作编号 : 12266120-82
 测试样品描述 : 显微镜探头
 SGS内部编号 : 4.2
 样品接收日期 : 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

深圳德方科技有限公司
 程松岩

Manson
 Manson Yang 程松岩
 高级工程师

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 manual 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.