

Supereyes®

B011 User Guide

Thanks for purchasing Supereyes® portable digital microscope!

B011 digital microscope is widely used in many areas, such as:

- Industry inspection: printing, PCB, precise instrument
- Metallographic field
- Historical relic and jewelry identification
- Long distance micro focus

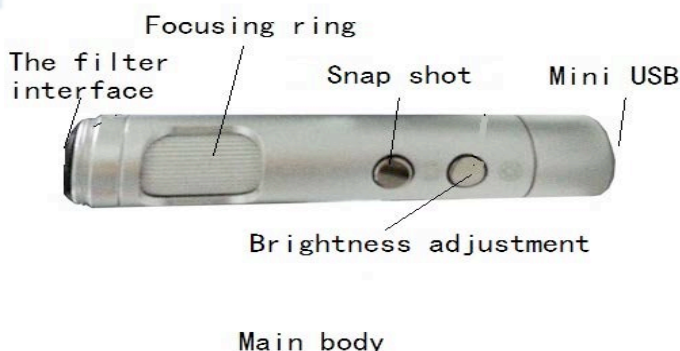
This portable digital microscope is easily compatible with computer. With SUPEREYES software, you can take photo, record video and measure freely. To use B011 digital microscope smoothly, please read this instruction carefully or learn to use it by other ways.

Specifications

- Resolution: 5M
- Lens: interchangeable optical lens
- Magnification: 100-2000X (different lenses)
- Anti-shake photographing
- Interchangeable light source, touch adjustment illumination
- Frame rate: Max 30FPS
- Interface: USB2.0
- Working distance: 1-200mm
- Operation system: Windows XP/7/ 8, MAC OS & 600MB free disk space

Items in the package

- B011 digital microscope, purchased lens, light source and stand
- CD
- This user guide





Hardware installation and application

1. Connect USB cable to mini USB port of B011 and USB port of computer; Put microscope into the holder hole of the stand and tighten up; keep the lens towards to the object as pic 1;
2. Adjust the stand to choose proper focal distance and rotate the focus ring to make image clear;
3. Adjust the brightness by the touch button;
4. Touch the snap shot for photographing;
5. Focusing and brightness adjustment are the same when stand is not needed;



Solution to malfunction

No.	Malfunction	Possible reasons	Solution
1	Image black screen	LED off; No preview; Choose wrong device; Connection between PC & microscope is not good;	Turn on LED by touch button and connect lens well; Click review; Choose right device; Plug to mother board USB port
2	Vague image, low frame rate	Wrong focal distance; connection to PC not well; High resolution; Limitation of PC configuration	Adjust focal distance; Plug to mother board USB port; choose lower resolution; Try another PC
3	Image distortion	Connection to pc not well; Microscope malfunction	Plug to mother board USB port; return for repair
4	Unrecognized	Connection to pc not well; Microscope malfunction	Plug to mother board USB port; return for repair



Precautions

- Please do not touch lens and other optics, otherwise, product performance may be influenced;
- Please do not disassemble product to avoid danger and product damage;
- Please use and store it under this environment, temperature: 0°C ~ 40°C; humidity: 45% ~ 85%
- In case of dropping tiny object or liquid into microscope, please disconnect the USB cable immediately and send product to maintenance center for quality inspection and repair

Certificates

SGS
Test Report (SVHC)
No.: QZ0911104320CHEM Date: NOV 20, 2009 Page 1 of 6
SHENZHEN DEF SCIENCE & TECHNOLOGY DEVELOPMENT CO., LTD
THE 3RD FLOOR, BUILDING 1A, ZONE B, HEKAN INDUSTRIAL PARK, SOUTHERN WUHE 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. : S212251861
SGS Internal Reference No. : 2.1
Client Reference Information : Material: 金笔, 笔
Buyer : DNT GmbH
Date of Sample Received : NOV 12, 2009
Testing Period : NOV 12, 2009 TO NOV 20, 2009

Test Requested : Filtered (19) Substances of Very High Concern (SVHC) screening
Based on the SVHC candidate list published by European Chemicals Agency (ECHA) on 2008 October 20, 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 19 SVHC are <0.1% in the submitted sample(s).

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

This document is issued by the Company under the terms of conditions of service and is not valid for use outside the scope of the service. It is not to be used for any other purpose. The Company's liability is limited to the scope of the service. The Company's liability is limited to the scope of the service. The Company's liability is limited to the scope of the service.

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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 1A, Zone B, Hekan Industrial Park, Southern Wuhe 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 1A, Zone B, Hekan Industrial Park, Southern Wuhe 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 EN55024:2006
EN55024:1998+A1:2001+A2:2003 EN55024:2006
EN55024:1998+A1:2001+A2:2003 EN55024:2006

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 *K.F. Wu*
K.F. Wu
For Chief Executive
Date of Issue: 2009-09-10

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