DIGITAL MICROSCOPE



Thank you for purchasing this equipment, it is complex to use, so please read this manual in detail to understand how to operate the microscope before using it.

1.Please fully charge the product before first use. Please do no charge directly through the PC, but choose a 5V-2A adapter. 2. In PC mode, this device only supports USB3.0 or above interface, not USB2.0 interface.

3. This product is not a biological microscope and is not suitable for cell biology research.

4.The optimal focal distance of the microscope is 2-60mm. You need to adjust the focus by adjusting the focus drum to achieve the clearest state.



5.This device cannot be accurately read microscope magnification, it is a combination of digital and optical magnification microscope, the specific magnification effect is subject to the actual picture taken.
6.When the battery is low, both the storage mode and PC camer mode cannot be used normally. This is not a product failure.

7.Do not touch the lens or other optical parts with your hands, otherwise it will cause image blur and affect imaging quality.

8.Do not disassemble the product or component structure by yourself to avoid abnormal equipment use. BATTERY INSTRUCTIONS

1.Please use a safe and compliant 5V/2A home charger to charge this device. 2.This device supports charging while in use.

3. If the device is left unused for a long period of time, please ensure that it is charged at least once every 3 months to preve irreparable damage caused by over-discharging the battery. EN-1



6 Right selection key **6** Mode switch key Scroll down / Enhanced Lens Lighting

Bracket adjustment knob 7 Photo key Short press to take a photo / Can adjust the lens height up start recording / end recording and down

 Adjust the focal length
 Reset button
 When the product roller Adjustable focal length

Image: Book of the sector of

Lock screw Can fix the lens height

External light adjustment knob The size of the external light Input 5v/1a can be adjusted

press to force shutdown (1) **TF card slot** Support expansion 0-64G TF card (1) **Charging indicator** When charging the red light is on, when it's done the group light is on green light is on

Short press to switch pho video, File browsing mod

long press to switch different color display modes

External light source Two 3W high-brightness LED lights 10 Light source charging

Magnification 1200X Focusing mode Manual _____ Fixed focal 2-60mm Video resolution 1920*1080P Photo resolution 4032*3024P Video format MOV Photo format jpg

Lens pixels 12.0MP

尺寸: 140*105MM 装订本, 正反面印刷

Screen	Screen size	7.0"
size	Screen resolution	1024*600P
	Operating systems	Windows XP/ vista/7/8/10/11, MacOS X 11.0 or higher
	TF capacity	Support expansion 64GB
	Input voltage & current	5V/2A
	Battery capacity	3000mAh lithium battery
Other	Operating time	1.5 hrs
	Charging time	3 hrs
	Operating temperature	-10°C ~ 50°C
	Camera working temperature	-15℃ ~ 75℃
	Languages	Simplified Chinese / Traditional Chinese / Japanese / English / Korean / French/ German / Spanish / Italian / Russian / Polish
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Screen brightness		
Auto Power Off		
_	848	
Language		
Case/121e		
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Format		
O Default Settings		
LCD Brightness		

1.Double click the " \equiv "key to enter the setting page. 2.Click " \triangleleft " " \triangleright " to select the required menu item. 3.Select the required item, click the " \Box K"key to enter, select" \triangleleft "" \triangleright "the desired parameters with and then click the " \Box K"key to confirm. 4.When finish setting, Click the " \ominus " key to exit the setting

The first time using the device, you need to go to " \equiv " to ect the required language (the factory setting of the vice is: English).

The product has three mode functions, which are as follows: 1. Memory mode: connect to PC, read, write and format TF card. 2. PC camera mode: Connect to a computer and use it through computer

software, making the large screen more intuitive. 3. Normal mode: normal use mode of the device.

.Memory mode:

Connect the microscope to the computer via USB data cable, select memory mode, then click the OK button to view saved photos and videos on the computer.

2.PC camera mode: (Only supports USB3.0 or above interface, does not support USB2.0 interface) Note: When using PC mode,

1. some function keys will not be available 2. In PC camera mode, it is normal that the device monitor will not display images.

3. When connected, if the software has no image, please repeat plugging and unplugging the Type-c data cable or replace the

Windows system: Support Windows vista/XP/7/8/10/11 or later. I. Software Installation

1. For WIN 7/8 systems, download and install the "AMCAP" software

2. For WIN 10/11 systems, search directly for the software "Windows Camera" (Note: Please disable the default laptop camera in Windows! And you must change the camera's privacy settings, which is needed to allow access.

3. Or download the application "Smart Camera" for your computer, download link:

www.inskam.com/download/camera.zip

4. Connect your microscope to the USB port on the back of your computer case with the Type-C cable that comes with the nicroscope, press and hold the power button to turn on your computer, select to enter PC camera mode and open the computer software to use.

5. Different Windows systems are recommended to use different software, please choose to download the corresponding software to use according to the system.

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3. Software "Smart Camera" page, as follows.

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*Note: If the following situation occurs for a long time during the process of connecting the device to the computer using the data cable. You can try the following solutions:

a. Firstly, please plug and unplug the Type-C cable repeatedly or plug the data cable into the USB port at the back of the computer case to ensure that the device is powered properly.

b. Secondly, the software may not be compatible with the system, you can check if you are using the software installation instructions correctly.



--MacOS: MacOS X 11.0 or higher.

I. Open the software (we recommend using the Phot Booth software that comes with your Apple comput-

1. Firstly, go to the "Applications" directory in the Finder window and find a application called "Photo Booth".



I. Connecting the device . Connect the microscope to your computer's USB port with the Type-C connector that comes with the microscope, press and hold the power button to turn on the device, and choose

to enter PC camera mode. Open and run "Photo Booth". 2. Click "Photo Booth". and select the camera "USB CAMERA".





NG PICTURE AND VIDEO

You can use a TF card reader to copy directly, or use a Type-C cable to copy from a computer.





If the device is not connected to the computer when copying, please restart the device or plug in the Type-C cable. Do not ug or unplug the Type-C cable during data transfer, as this / cause data transfer failure.

•Connect the device to the Type-C / USB adapter for charging (5V = 2A), fast charging is not supported.

•During charging, the indicator shows a red light.

•When the battery is low, both memory mode and PC camera mode cannot be used normally, adapter to charge your device.

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•When the device is fully charged the indicator shows a green light

can be used again.

1. The product cannot be switched on. •Confirm whether the product has power. Confirm whether the power is connected. •Confirm that the power supply is not sufficient due to the computer being used for charging.

> 2. The product is dead. Press the device reset button to force shutdown.

3. The image is not clear.

•Whether the object being measured is correctly positioned directly below the lens. •Whether the focal length is adjusted to the optimum position?

•Whether the light is used correctly? 4. Product charging.

Please use 5V-2A adapter to charge the device.

5.TF card cannot be recognized.

•Please check if the TF format is FTA32 format, if not, please format it; if not recognized, please re-plug the TF card. The device only supports high -speed memory cards above Class 10, excluding Class 10.

6. When using PC camera mode, the software

FCC Statement

(1) 15.19 Labelling requirements. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cau harmful interference, and (2) this device must accept any interferen received, including interference that may cause undesired operation § 15.21 Changes or modification warning Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate

.105 Information to the user.

e: This equipment has been tested and found to comply with the r a Class B digital device, pursuant to part 15 of the FC ules. These limits are designed to provide reasonable protection gainst harmful interference in a residential installation. This quipment generates uses and can radiate radio frequency energy nd, if not installed and used in accordance with the uctions, may cause harmful interference to radio cations. However, there is no guarantee that interfe mful interference to radio or television reception, which can be rmined by turning the equipment off and on, the user is uraged to try to correct the interference by one or more of relocate the receiving antenna. ease the separation between the equipment and receiver. inect the equipment into an outlet on a circuit different from tha

to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help.

EN-18 Level is contracted in a manner that ensures of the Commission's guidelines. According to KDB 447498 (2)(a)(i)

