

Wireless Microscope

Instruction Manual



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BEFORE USE

Important information

Please read this instruction manual carefully before using this product, and retain this instruction for future reference.

Improvements and changes to this text necessitated by typographical errors, or improvements to the software and/or equipments may be made at any time without notice.

Care and maintenance

- Avoid vibration, shock and pressure e.g. dropping the microscope.
- Keep the device dry and protect it from water or vapour.
- Do not leave your device in a place with extreme high or low temperature.
- Do not touch the device with a wet hand as it may damage the device, or cause an electric shock to the user.
- Do not use or store the device in dusty, dirty areas as its moving parts may be damaged.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

Warning

- Do not place lighted Wireless Microscope upon the eye, doing so may cause permanent eye damage.
- Do not attempt to open or dismantle the Wireless Microscope.

Product description

This wireless microscope features a 640 x 480 CMOS sensor and can be paired with up to 2 Wi-Fi enabled devices within a 10m range. It is compatible with Android, IOS, Windows and Mac OS devices.

Simply connect the device to the wireless microscope's WLAN access point to start viewing, capturing and recording live images.

Computer requirements

Smartphone (Android and IOS)

CPU Speed	1.2GHz or above
RAM	1GB or above
ROM / SD	500 MB or above
WLAN	Wi-Fi 802.11 b/g/n

Windows

Compatible operating systems

Windows 8 (32 bit or 64 bit)
Windows 7 (32 bit or 64 bit)
Windows Vista (32 bit or 64 bit)
Windows XP SP2, SP3

CPU Speed

P4-1.8GHz or above

RAM

512 MB or above

Hard disk

800 MB or above

WLAN

Wi-Fi 802.11 b/g/n

Mac OS

Compatible operating systems

Mac OS X 10.4.8 - Mac OS X 10.10.x

CPU Speed

Power PC G3/G4/G5 or Intel based

RAM

128 MB or above

Hard disk

800 MB or above

WLAN

Wi-Fi 802.11 b/g/n

PRODUCT AT A GLANCE

Package contents

Wireless microscope



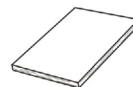
Installation CD



Adaptor



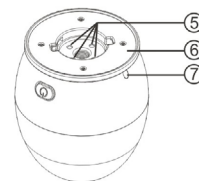
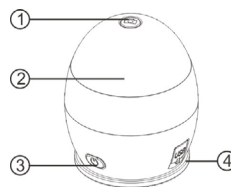
User manual



USB cable



Product overview



1. Capture button
2. Focusing ring
3. Power button
4. USB port

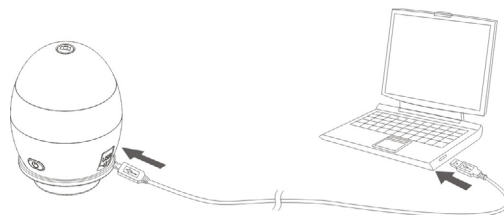
5. LED lights
6. Adaptor slot
7. Indication light

Product specification

Connection type	802.11 b/g/n
Effective magnifications (on a 17" monitor)	41x
Effective viewing area	8 x 6 mm
Illumination	Four LEDs
Sensor	CMOS
Size	ø70 x 85 mm
Weight	170 grams

GETTING STARTED

Charging

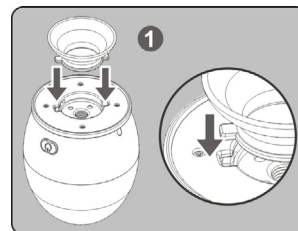


Charge the wireless microscope before using it.

Connect the wireless microscope to a computer with the USB cable provided.

Status	Indication light colour
Charging	Red
Charged	Green

Assembling the product

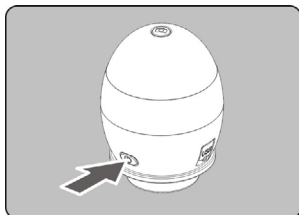


Insert the adaptor into the adaptor slot.



Fasten the adaptor by turning it gently in the clockwise direction.

Turning on the device



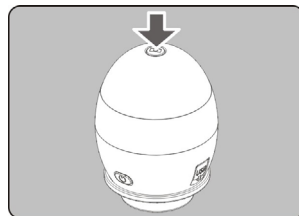
Press and hold the power button for 2 seconds.

Focusing



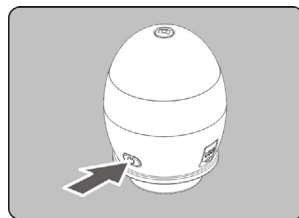
Adjust the focus of the image manually by rotating the focusing ring.

Capturing



Press the image capture button to capture an image.

Turning off the device



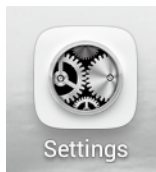
Press and hold the power button for 2 seconds to turn off the device.

手持设备的使用

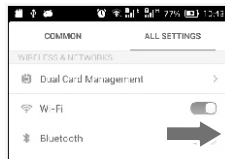
开机

打开显微镜 (详情请参考第 10 页)

打开 WIFI

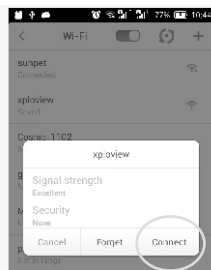
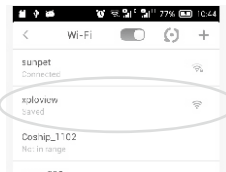


点击手持设备的 "Settings" 图标 .

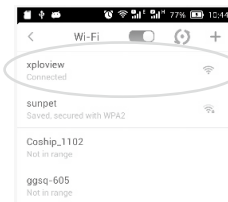


将 "WIFI" 打开 .

连接 xploview



点击 "Connect" 确认连接 .



连接成功 .

打开 APP



点击 "xploview" 图标 .

INSTALLING THE SMARTPHONE APP

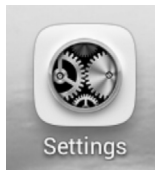


Search for “xploview” on Play Store or App Store on your mobile device and install the app.

USING THE WIRELESS MICROSCOPE WITH A SMARTPHONE

Connecting the device

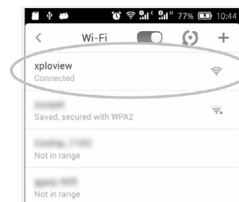
Turn on the wireless microscope (see P.10).



Go to “Settings”.



Turn on Wi-Fi connection.



Search for and connect to “xploview_xxxxxx” under the list of available devices. (“xxxxxx” is a 6 digit code unique to your device.)

The default password of the device is 12345678.

Open the xploview app



The performance of the device may be affected in an environment crowded by Wi-Fi signal.

Button Menu

The icons on the button menu:



Enter Image / Video playback mode

Picture

Picture playback

Video

Video playback



Capture on screen image



Enter Video mode



Start video recording



Pause video recording



End video recording



Open System Settings Menu (see system settings menu on page 15)

System Settings Menu



Set image directory

Set size limit for video files (in MB)

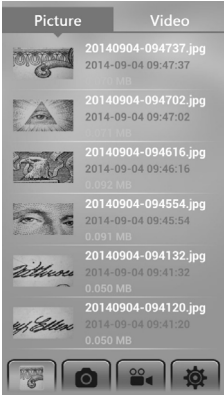
Toggle to turn off wireless microscope upon app exit

Restore the wireless microscope to factory status

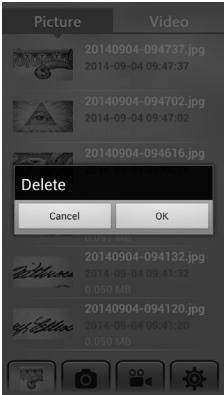
Display settings

Information about the app

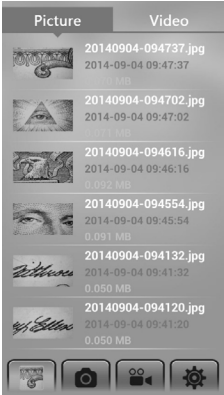
Deleting an item



Android:
Press and hold an item for 2 seconds.



Tab "OK" to confirm.



IOS:
Swipe the item to the left.



Tab "Delete" to confirm.

INSTALLING THE COMPUTER SOFTWARE

Software installation

Windows

- Insert the supplied application CD to the CD-ROM of the computer.
- Double click the "xplovview.exe" icon <  > located on the driver CD.
- Follow the xplovview setup wizard to install the application software for the wireless microscope.

Mac OS

- Insert the supplied application CD to the CD-ROM of the computer.
- Double click the "xplovview.dmg" icon <  > located on the driver CD.
- Drag the xplovview icon <  > into the Applications folder.

USING "XPLOVIEW"

Button menu

The icons on the button menu :



Open **System Settings Menu** (see system settings menu on page22).



Capture on screen **image**.



To start and to stop **Timed Shot**. Images will be captured at a regular interval (see system settings menu on page 23 to adjust frequency and duration).



To start and to stop **Video Recording**.



Information of the application software. This information maybe helpful when updating software.



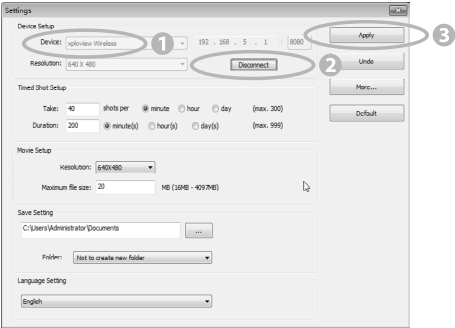
Shut down the application software.

Connecting the device

点击 "system settings menu" 按钮 .

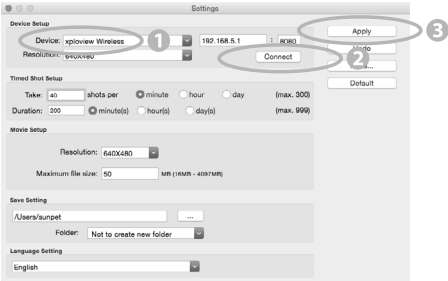
Windows

在 "Device" 选项中选择 "xploview Wireless", 然后点击 "Disconnect" 按钮 , 再点击 "Apply".



Mac OS

在 "Device" 选项中选择 "xploview Wireless", 然后点击 "Connect" 按钮 , 再点击 "Apply".



Full screen viewing

To activate the full screen mode, click the full screen button <  > located on the bottom right corner of the xpview application software window.

To exit full screen mode, either double click on the screen, or press the "Esc" button on the keyboard.

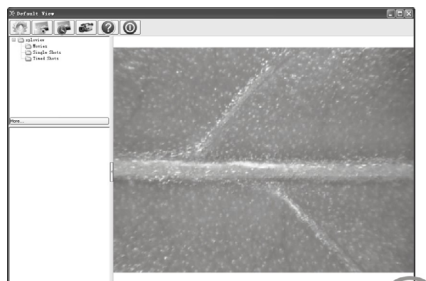
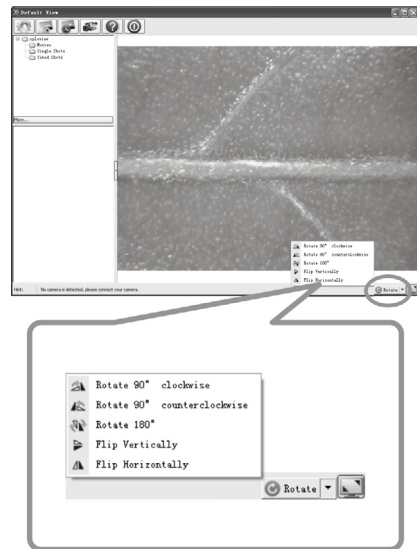


Image rotation / flip

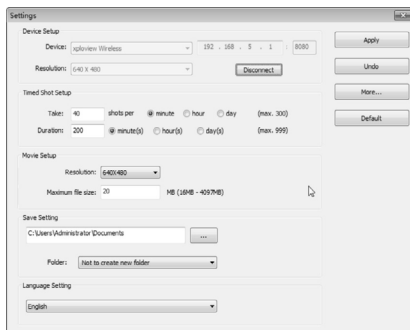
Click <  Rotate > > to rotate or preview screen.



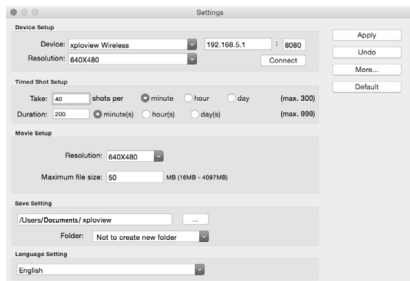
System Settings Menu

The first time the xploview software is started, the default settings will be loaded, you may change these settings manually in the system settings menu.

Windows



Mac OS



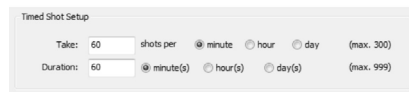
Device setup

If the image captured by the wireless microscope was not displayed by default, you can change this by selecting it from the "Device" drop-down menu.



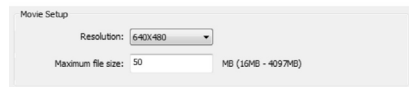
Timed Shot setup

The frequency and duration of automatic images capture can be adjusted under this option.



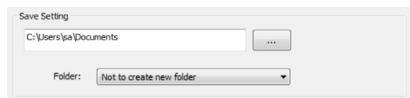
Movie setup

The resolution of videos you record can be changed from the "Resolution" menu. You can also set a maximum file size for each video.



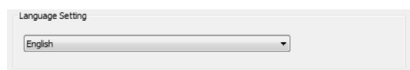
Save setting

The default location for captured images or videos can be changed under this option.



Language setting

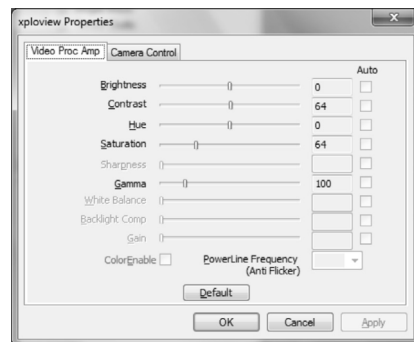
The language of the xploview software can be changed under this option.



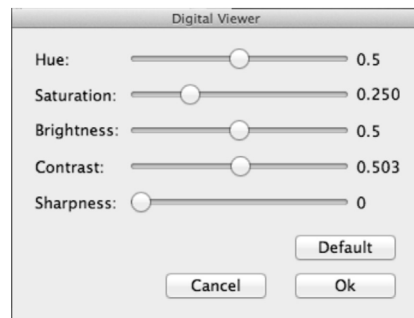
Advanced settings

By clicking the "More..." button on the right of the system settings menu, you will be able to manually adjust all of the image settings. Note that the settings available may be different, depending on your operating system.

Windows

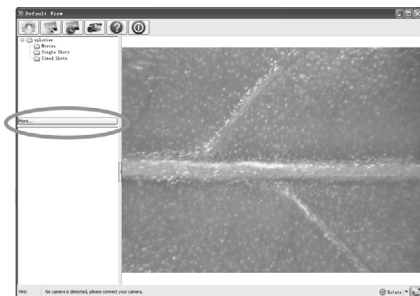


Mac OS



Saved files

With the xplview application software opened, you can locate the saved files folder by clicking the "More..." button located on the left of the main software window.



Uninstalling the xplview software

Windows

Select "Uninstall xplview" from the start menu (Start > All Programs > xplview > Uninstall xplview).

Mac OS

Drag the xplview application icon from the "Applications" folder to "Trash".

RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

FCC compliance statement (United States only)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Legal information

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