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 (Androi and IOS)

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

Windows

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

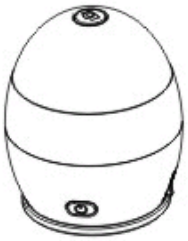
Mac OS

Compatible operating systems	Mac OS X 10.4.8 - Mac OS X 10.9.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

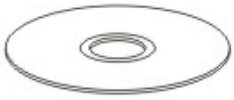
PRODUCT AT A GLANCE

Package contents

Wireless microscope



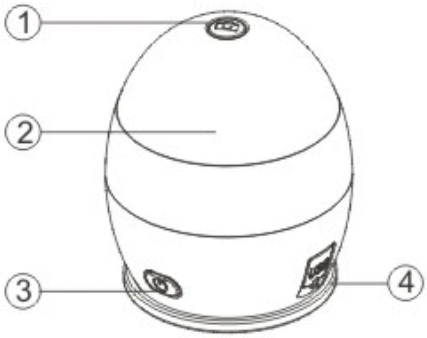
Installation CD

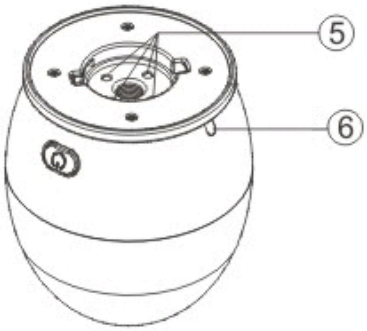


User manual

USB cable

Product overview





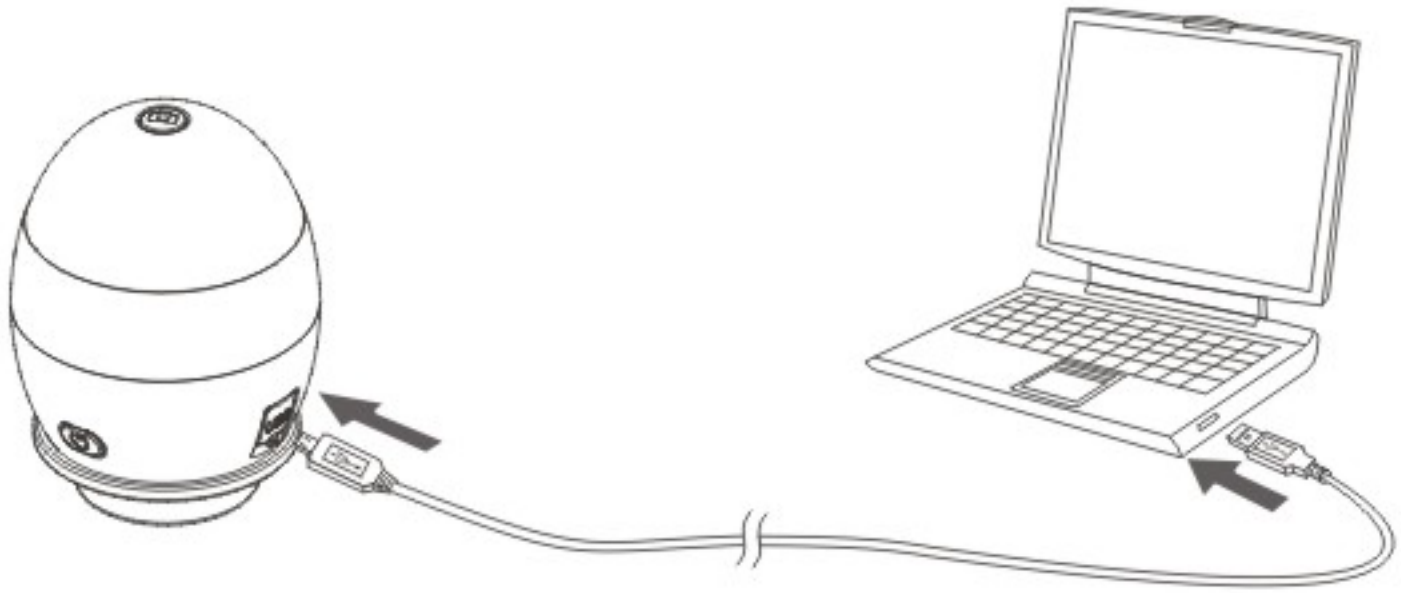
1. Capture button
2. Focusing ring
3. Power button
4. USB port
5. LED lights
6. Notification LED

Product specification

Connection type	WIFI
Effective magnifications (on a 17" monitor)	41x
Effective viewing area	8 x 6mm
Illumination	Four LEDs
Sensor	CMOS
Size	Ø 70 x 85mm
Weight	170 grams

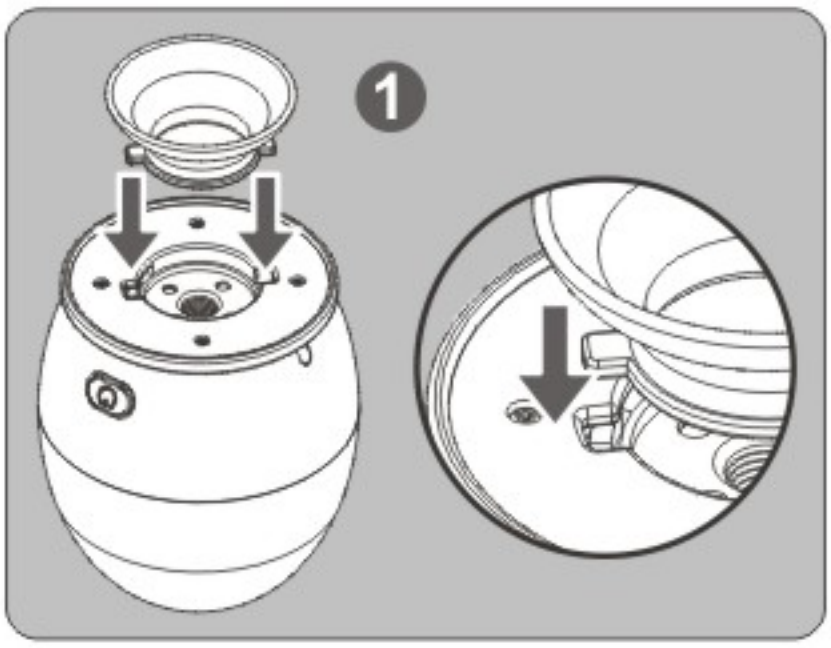
GETTING STARTED

Charging

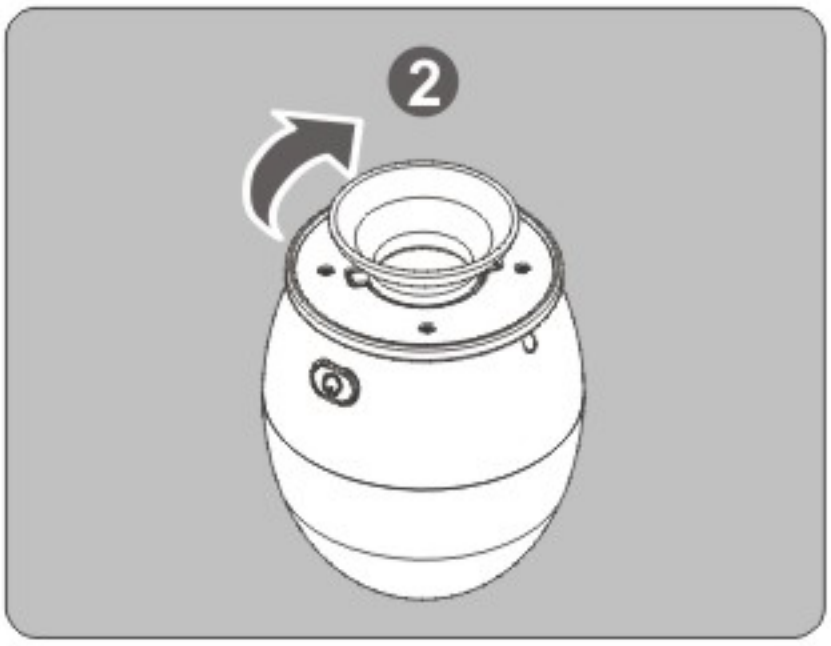


Charge the wireless microscope before using it.
Connect the wireless microscope to a computer with the USB cable provided.
Charging: Red notification.
Charged: Green notification.

Assembling the product

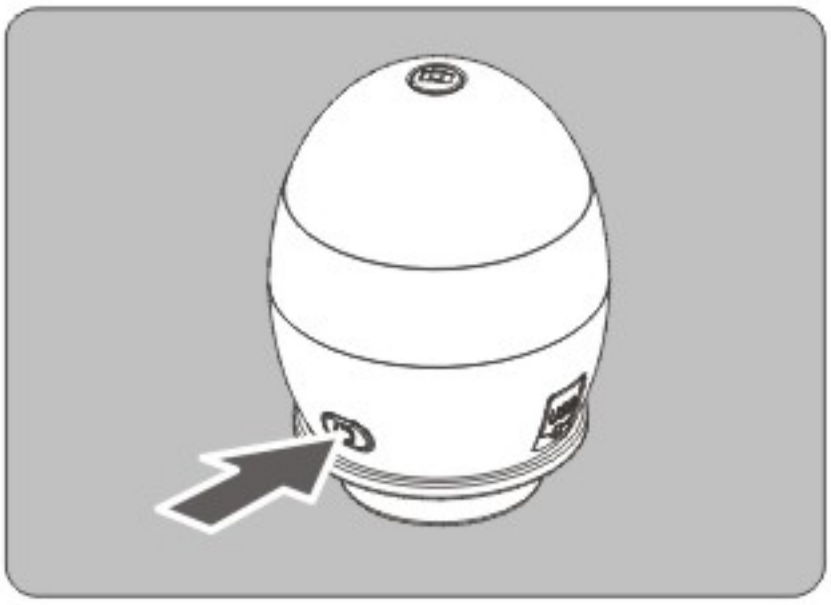


Insert the adaptor into the adaptor slot.



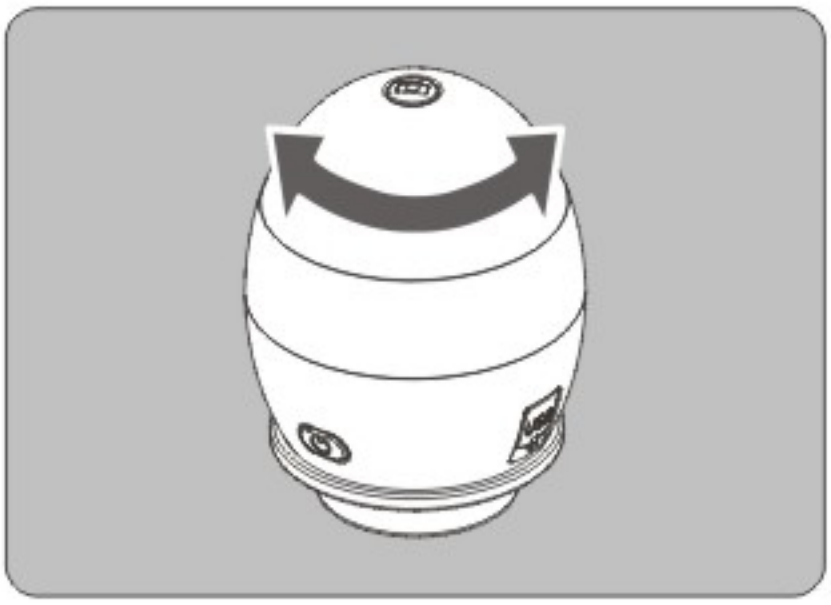
Fasten the adaptor by turning it gently in the clockwise direction.

Turning on the device



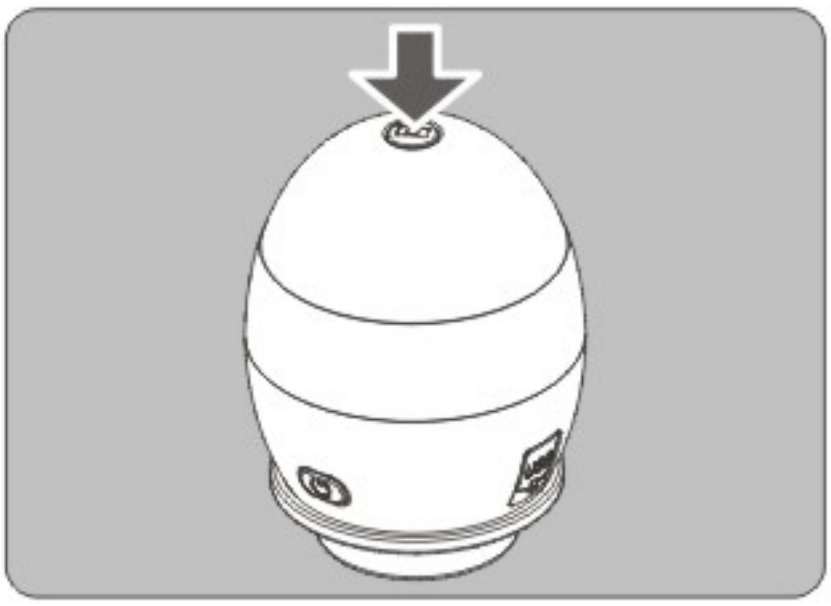
Press and hold the power button for 2 seconds.

Focusing



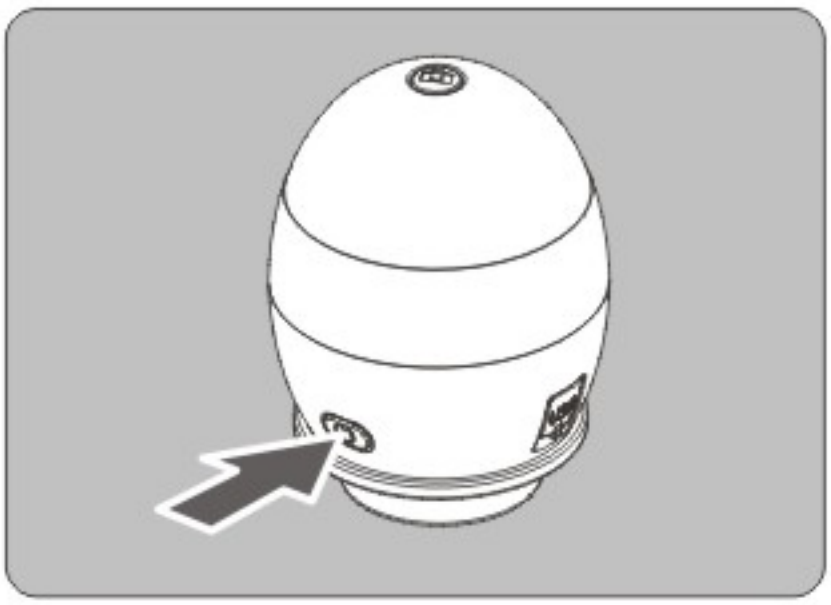
Adjust the focus of the image manually by rotating the focusing ring.

Capturing



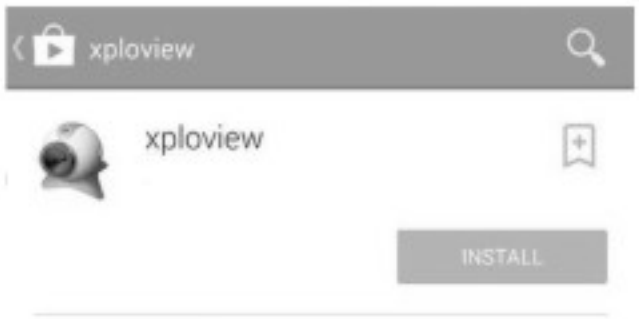
Press the image capture button to capture an image.

Turning off the device

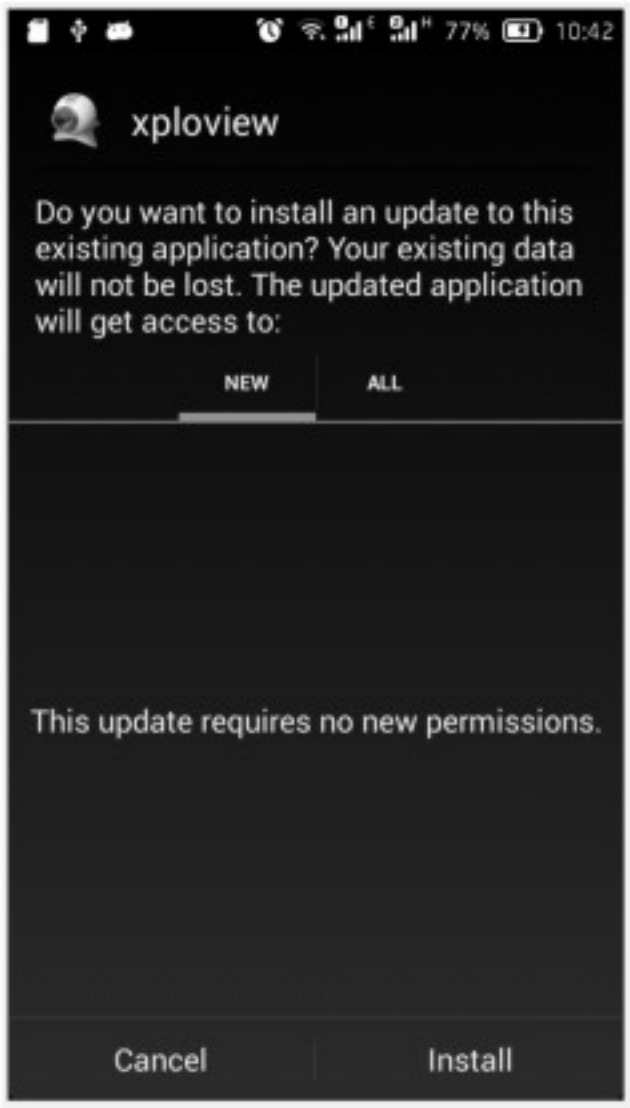


Press and hold the power button for 2 seconds to turn off the device.

INSTALLING SMARTPHONE APP



Search for "xploview" on Play Store or App Store on your mobile device.

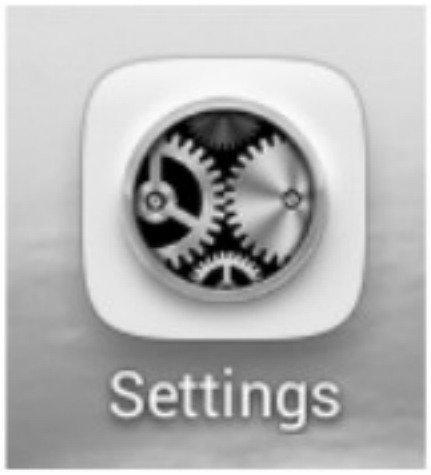


Install the "xploview" free app.

USING WIRELESS MICROSCOPE WITH A SMARTPHONE

Turn on

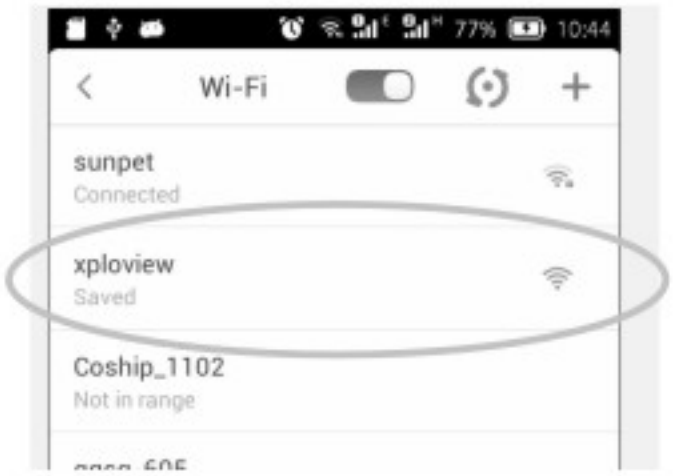
Turn on the wireless microscope (see P.9).



Turn on Wi-Fi connection.
Go to "Settings".

Turn on Wi-Fi

Connect to "xploview"



Open the xpioview app

Using the app

Image / Video playback button

Image capture button

Video mode button

System settings button

Recording button

Pause recording button

End recording button

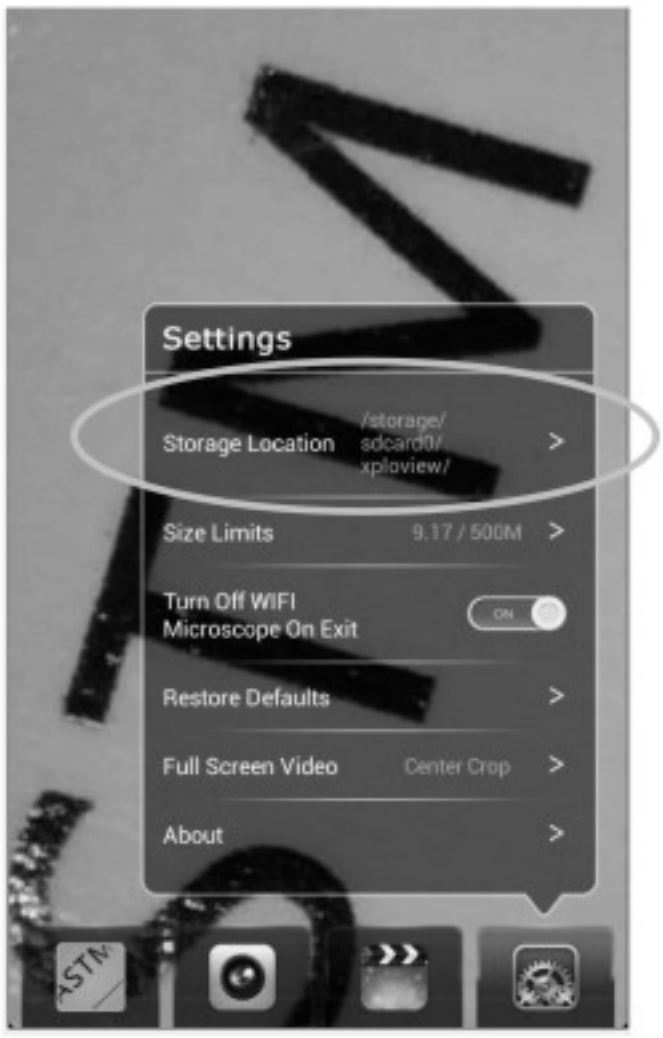
Picture playback

Video playback

Settings

Tab < > to enter settings.

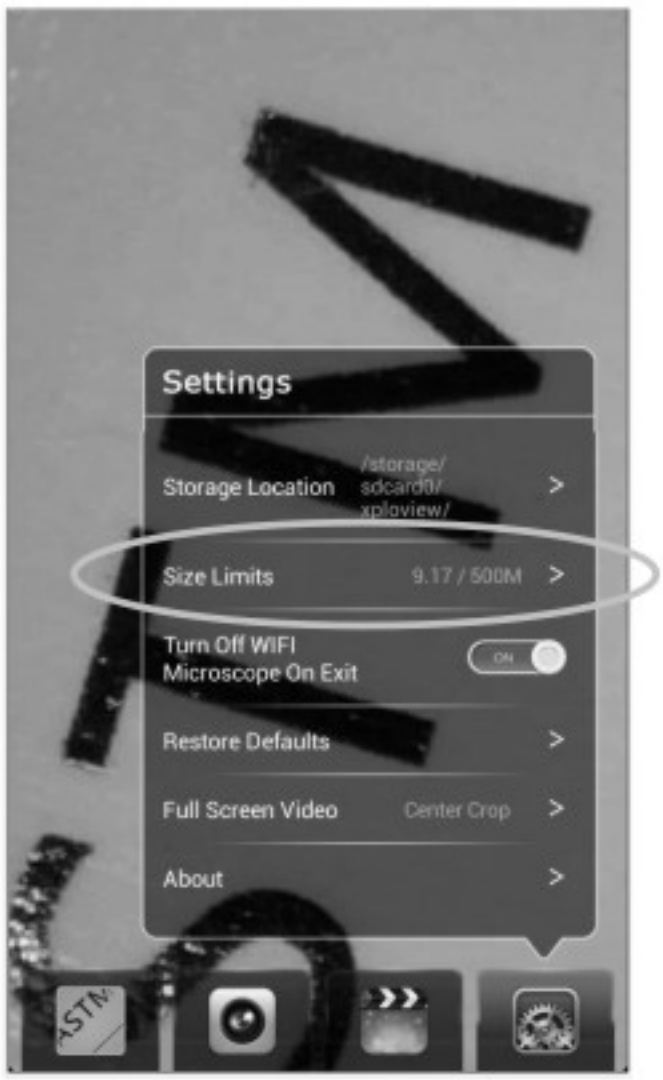
Set storage location (Android):



Tab "Storage Location" to set image directory.

Choose path and tab "OK" to save.

Set size limit for video file:



Tab "Size Limits".

Enter a value (in MB), tab "OK" to save.

Set auto turn off:

Toggle "Turn OFF WIFI Microscope On Exit" to turn off the WIFI Microscope when app closes.

Factory reset:

Tab "Restore Defaults".

Tab "OK" to restore default settings.

Full Screen Video

Tab "Full Screen Video".

Choose desire settings and tab "OK" to save.

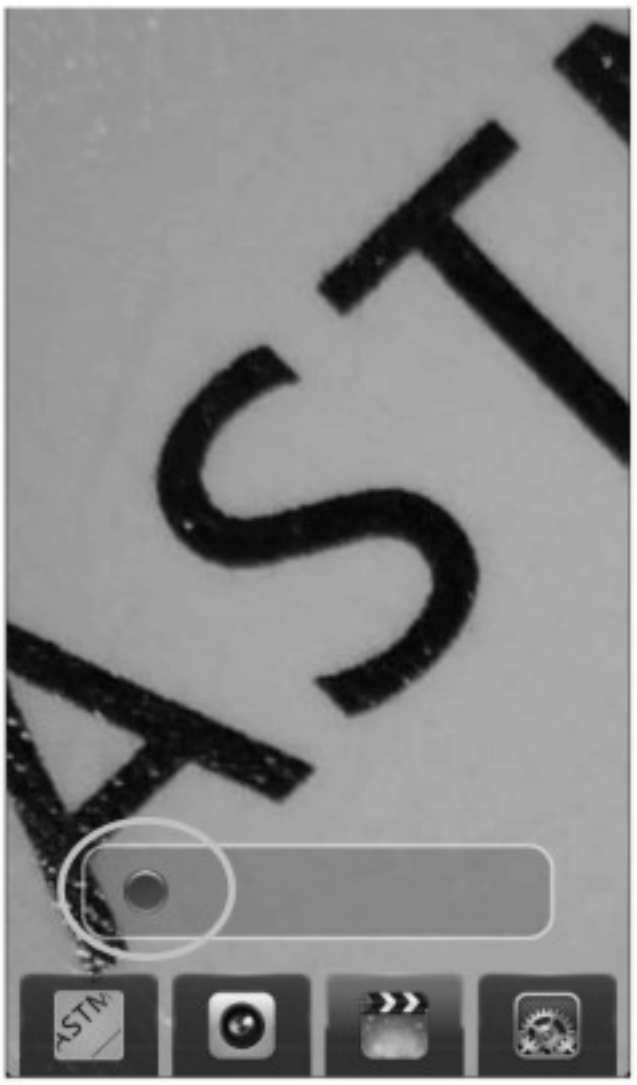
Capturing image

Tab < >to capture an image.

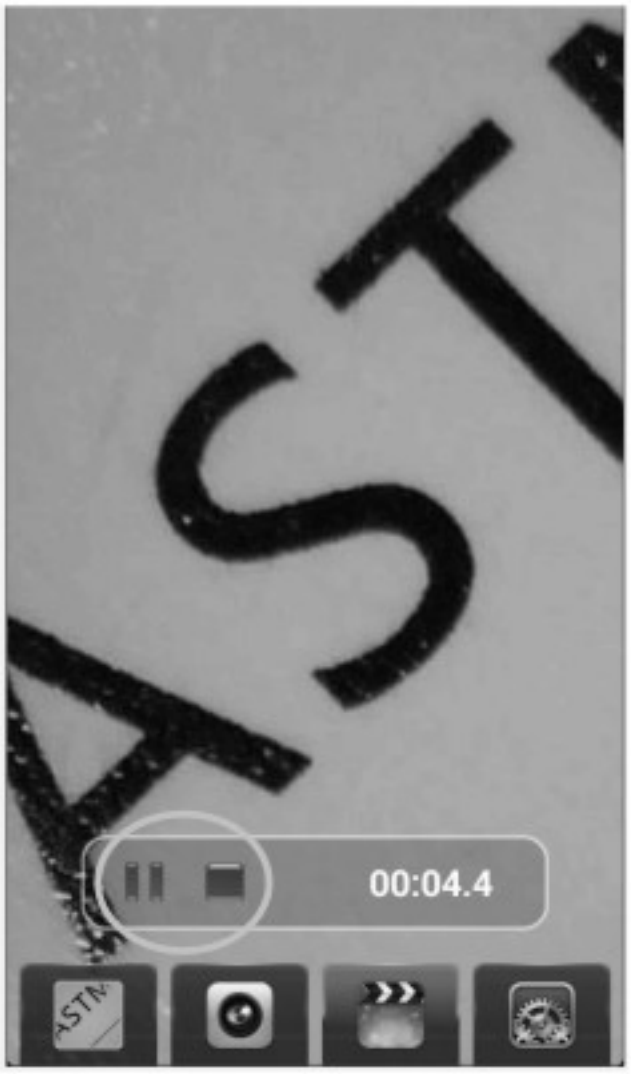
The capture button on the wireless microscope can also be used to capture an image.

Video recording

Tab < >to enter video mode.



Tab < > to start recording.



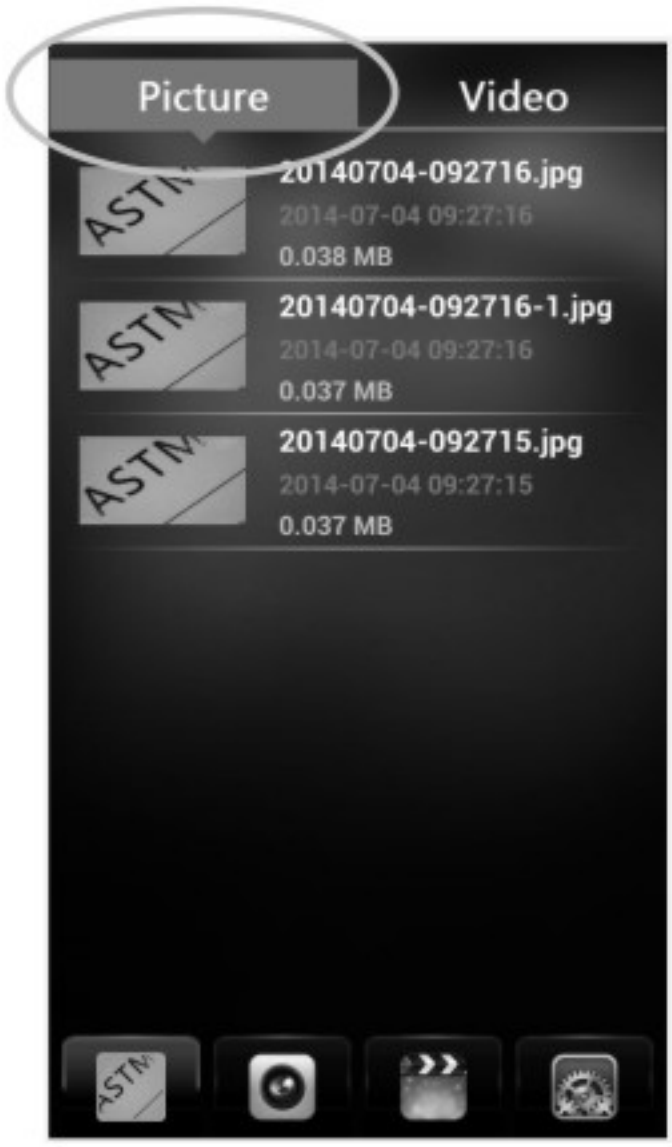
Tab < > to pause recording.

Tab < > to end recording.

Image / Video playback

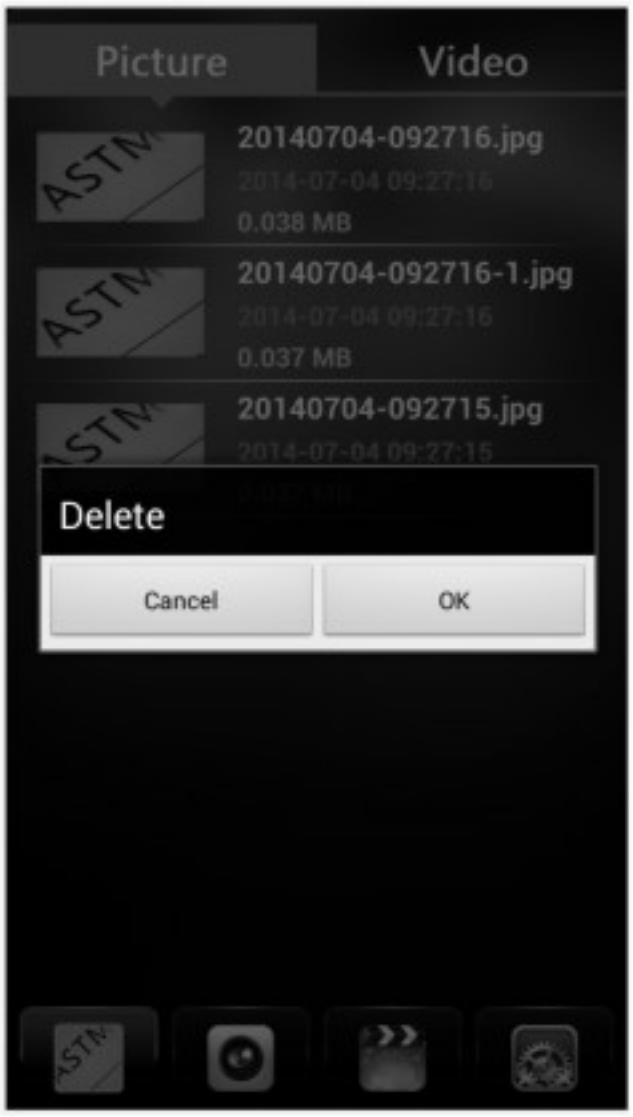
Tab < > to enter playback mode.

Image playback



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 COMPUTER SOFTWARE

Software installation

Windows

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

Mac OS

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

USING "DIGITAL VIEWER"

Button menu

The icons on the button menu :

Open **System Settings Menu** (see system settings menu on page 30).

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 31 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.

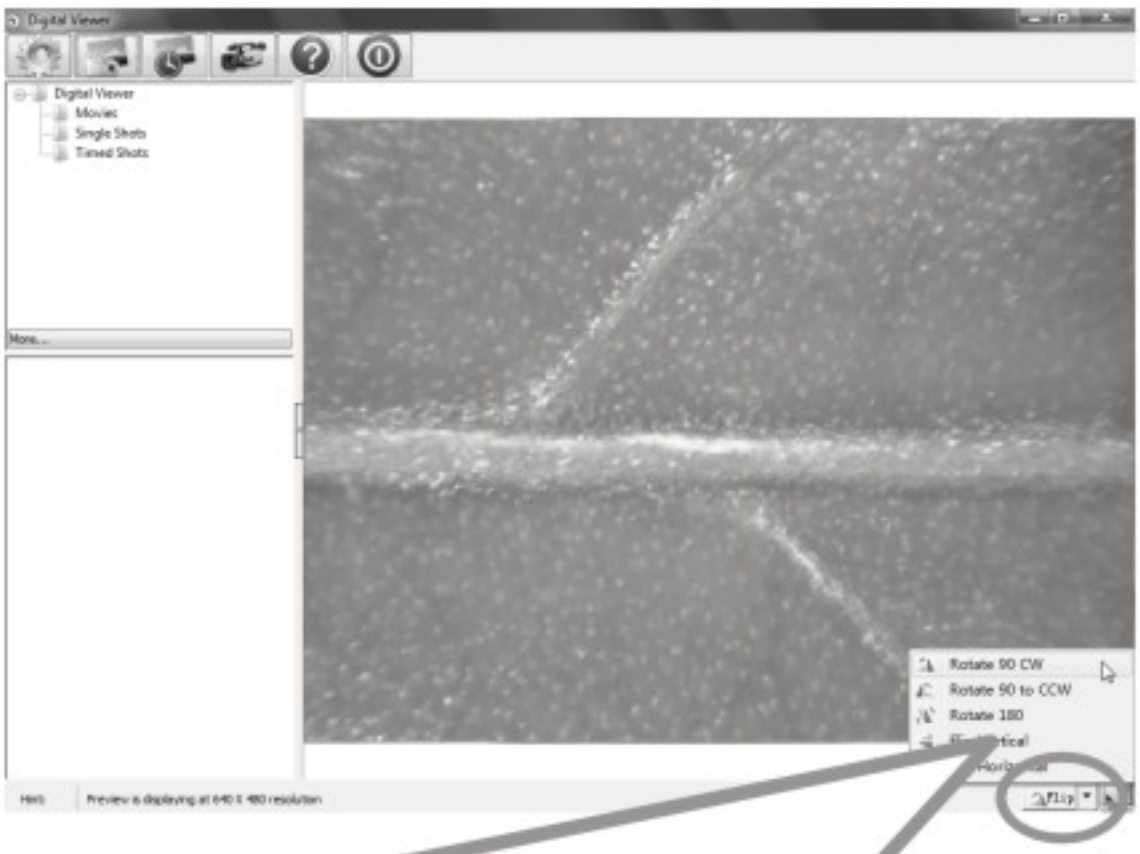
Full screen viewing

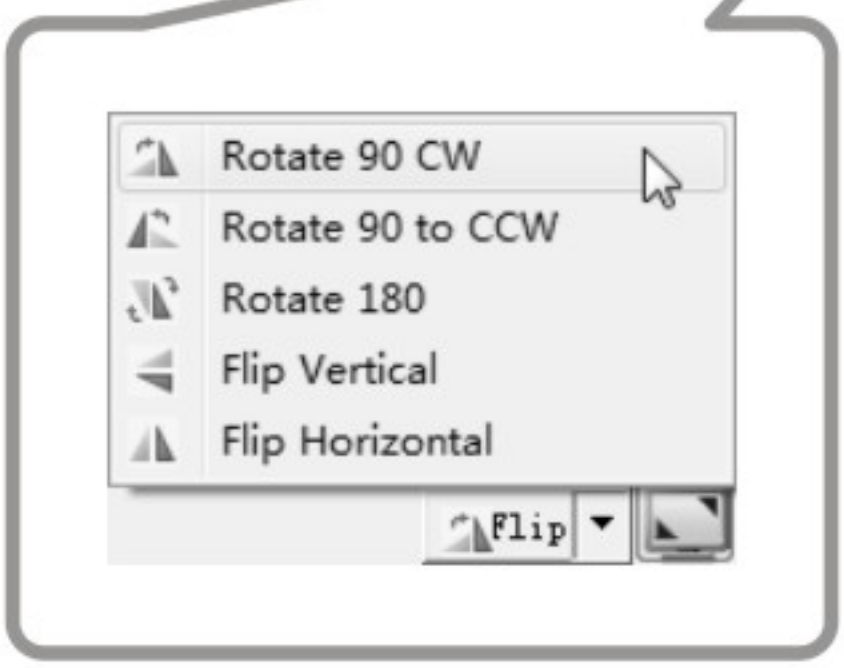
To activate the full screen mode, click the full screen button < > located on the bottom right corner of the Digital Viewer application software window.

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

Image rotation / flip

Click < Flip > to rotate or preview screen.

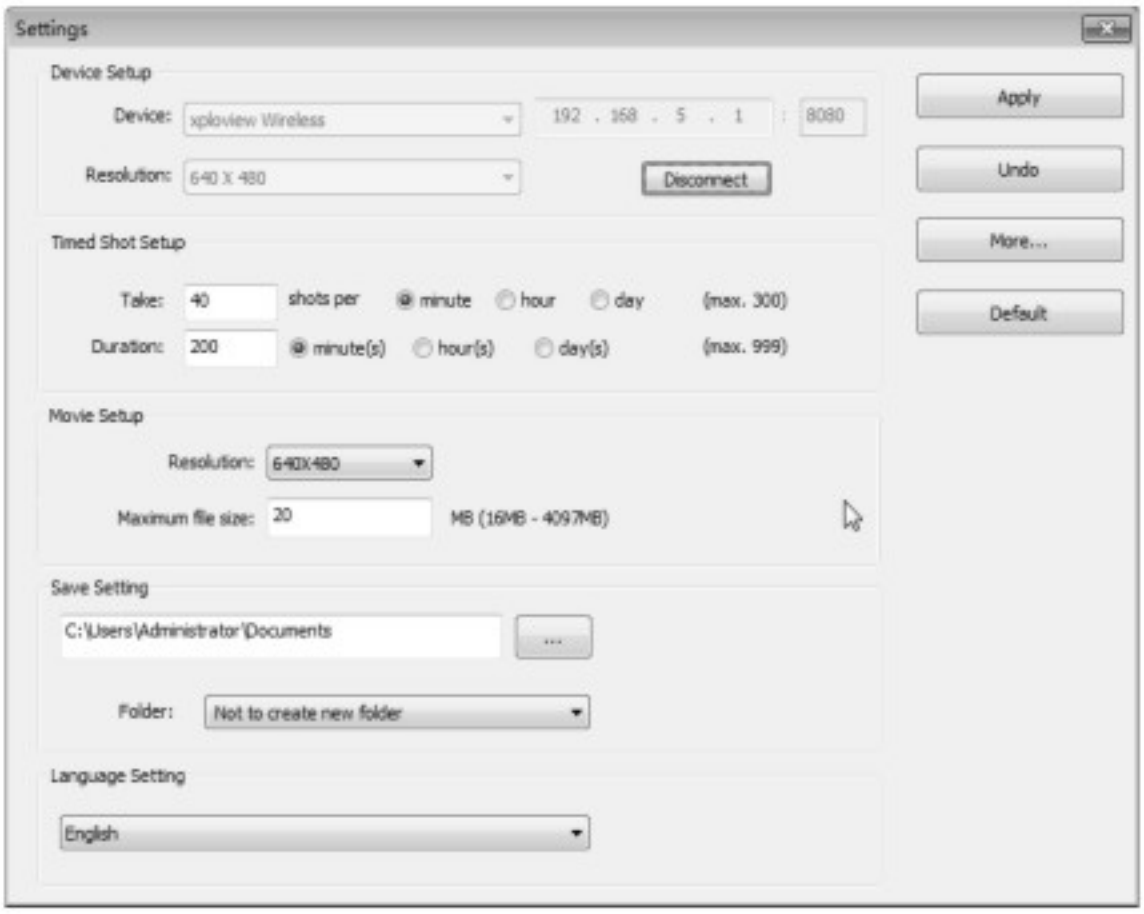




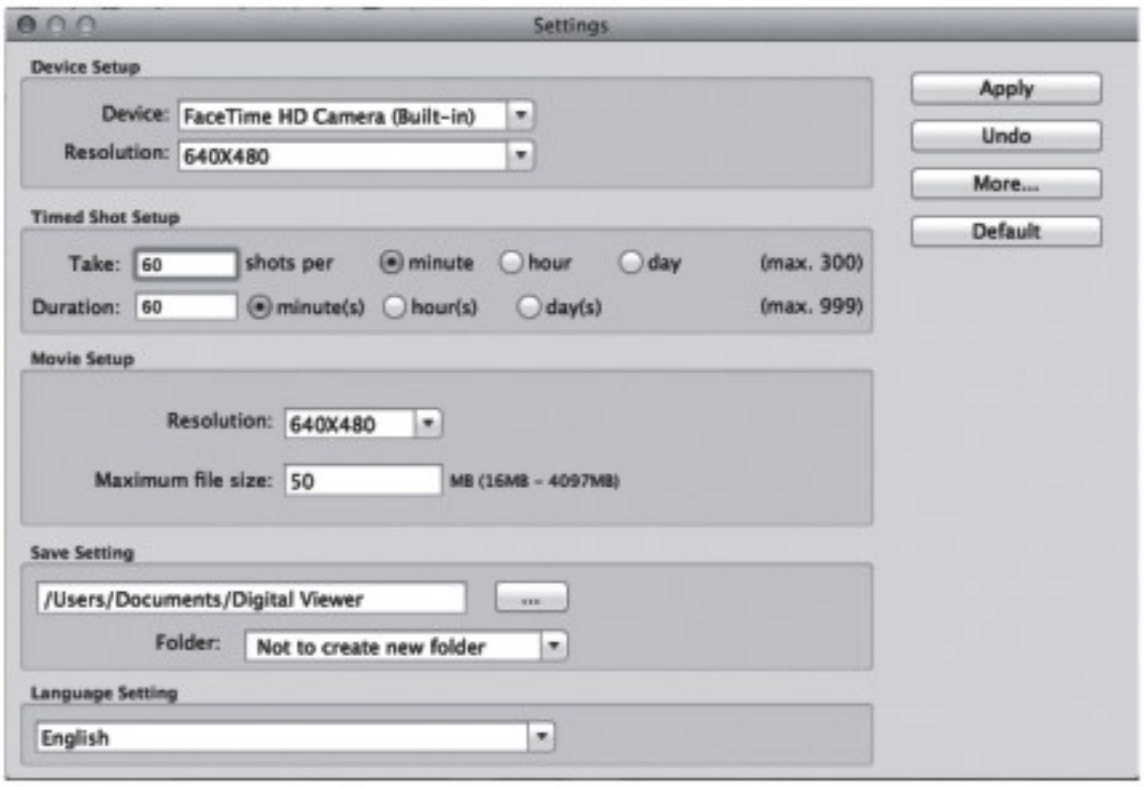
System Settings Menu

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

Windows



Mac OS



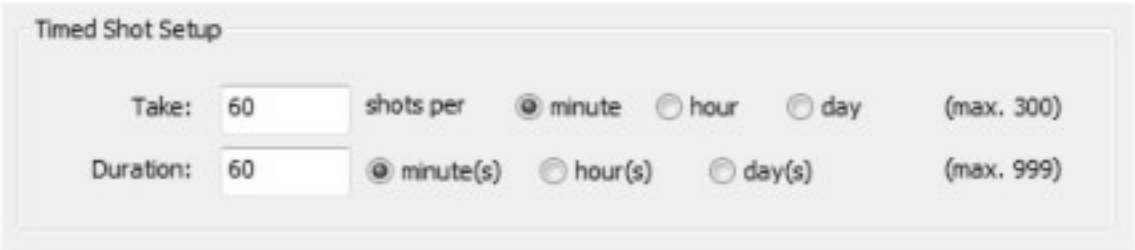
Device setup

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

The resolution of images you capture can be changed from the "Resolution" drop-down menu.

Timed Shot setup

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

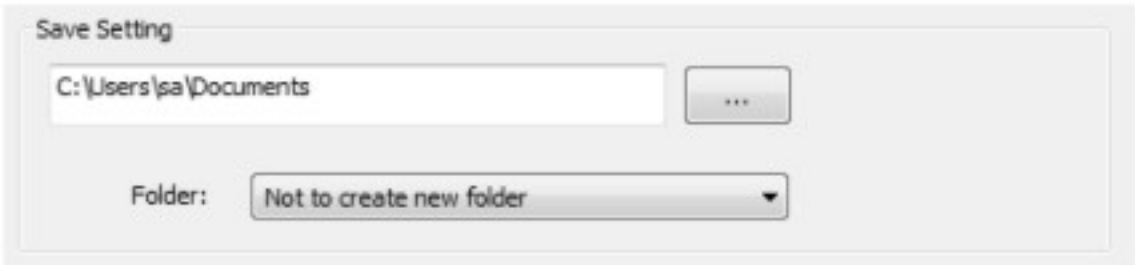


Movie setup

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

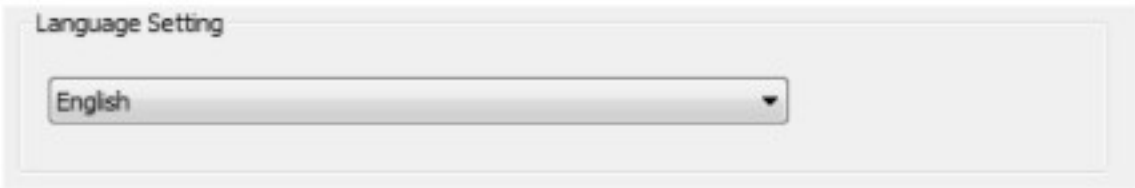
Save setting

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



Language setting

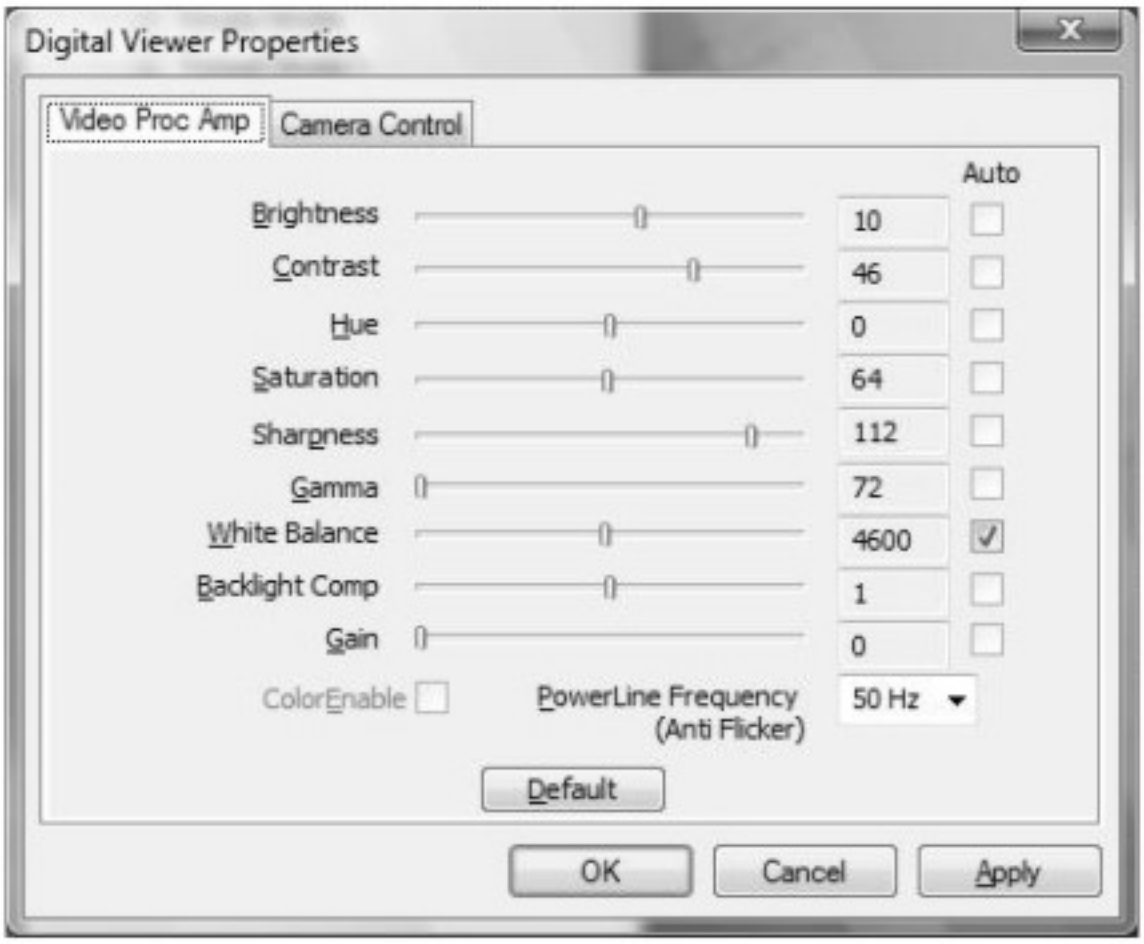
The language of the Digital Viewer software can be changed under this option.



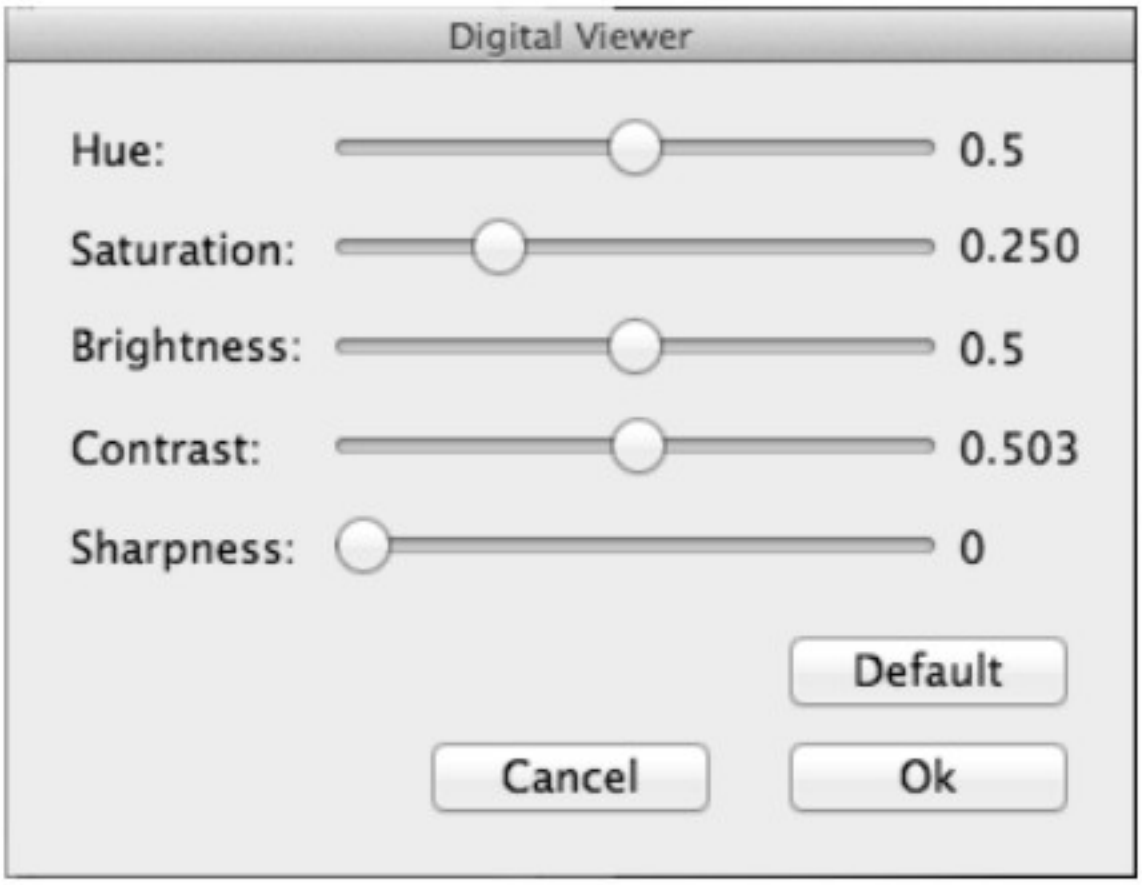
Advanced settings

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

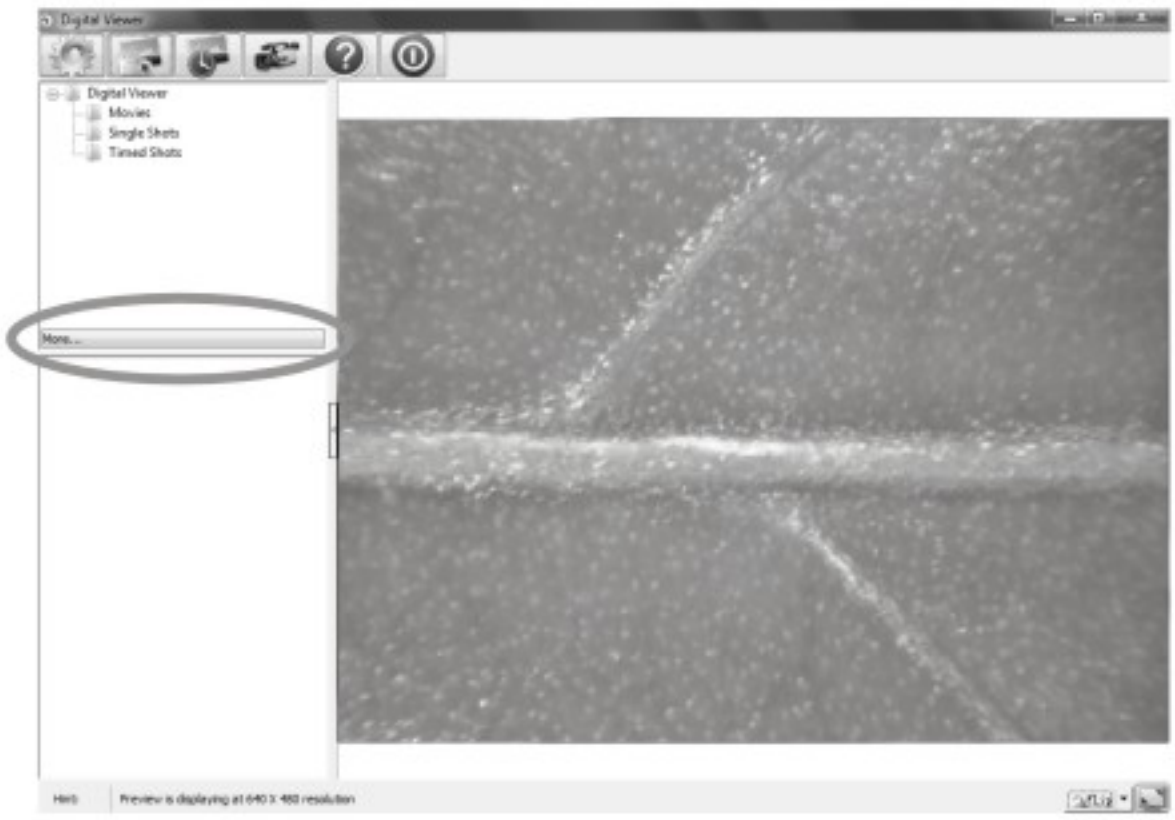


Mac OS



Saved files

With the Digital Viewer 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 Digital Viewer software

Windows

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

Mac OS

Drag the Digital Viewer application icon from the "Applications" folder to "Trash".

Legal information

This document is published without any warranty. While the information provided is believed to be accurate, it may include errors or inaccuracies. In no event shall the manufacturer or its distributors be liable for incidental or consequential damages of any nature, including but not limited to loss of profits or commercial loss, arising out of the use of the information in this document.

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PowerPC™ and the PowerPC logo™ are trademarks of International Business Machines Corporation, used under license therefrom. Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

This equipment 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 equipment 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 equipment 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 correct the interference by one or more of the following measures:

- Reorient the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

BU08133