Easi-Scope Wireless™

Magnifies specimens up to
43x on a 17" computer monitor

USER GUIDE

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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 most 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)

WLAN	Wi-Fi 802.11 b / g / n

Windows based PC

Compatible operating systems	Windows 10 (32 bit or 64 bit) 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
WLAN	Wi-Fi 802.11 b / g / n

Mac OS based PC

Compatible operating systems	Mac OS X 10.5.6 - Mac OS X 10.11.x
WLAN	Wi-Fi 802.11 b / g / n

PRODUCT AT A GLANCE

Package contents

Wireless microscope

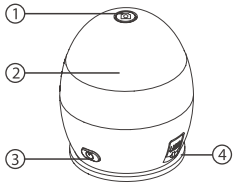
Installation CD

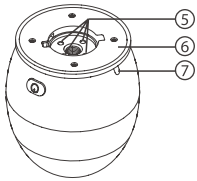
Adaptor

User manual

USB cable

Product overview





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

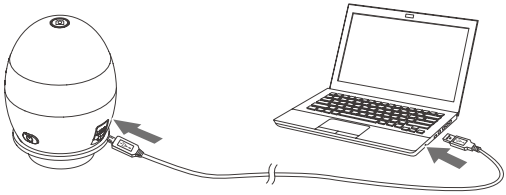
5. LED lights
6. Adaptor slot
7. Indication light

Product specification

Connection type	802.11 b / g / n
Effective magnifications (on a 17" monitor)	43x
Effective viewing area	8 x 6 mm
Illumination	Four LEDs
Sensor	CMOS
Size	ø70 x 85 mm
Weight	170 grams

GETTING STARTED

Charging

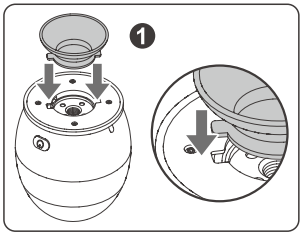


Charge the wireless microscope before using it.

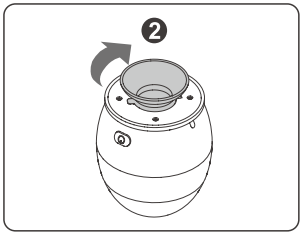
Connect the wireless microscope to a computer with the USB cable provided.

Status	Indication light colour
Charging	Red
Charged	Green

Assembling the product

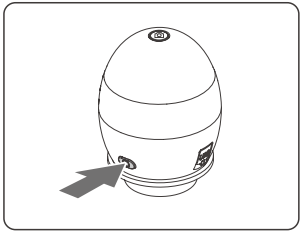


Insert the adaptor into the adaptor slot.



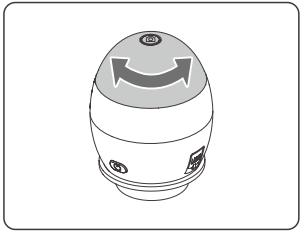
Fasten the adaptor by turning it gently in the clockwise direction.

Turning on the device



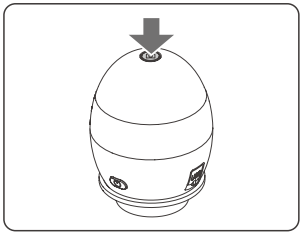
Press and hold the power button for 2 seconds.

Focusing



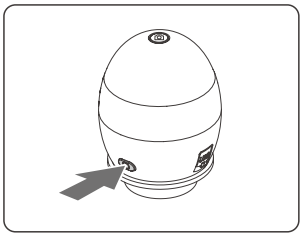
Adjust the focus of the image manually by rotating the focusing ring.

Capturing



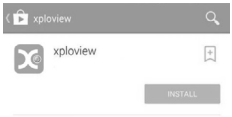
Press the image capture button to capture an image.

Turning off the device



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

INSTALLING THE SMARTPHONE APP

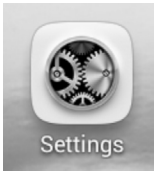


Search for "xploview" on Play Store or App Store on your mobile device and install the app.

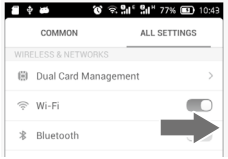
USING THE XPLOVIEW APP WITH A SMARTPHONE

Connecting the device

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



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

⚠ Note

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

User may experience a delay in real-time image display depending on the speed of the Smartphone processor.

Button menu

The icons on the button menu:

Enter Image / Video playback mode

Picture playback

Video playback

Capture on screen image

Enter Video mode

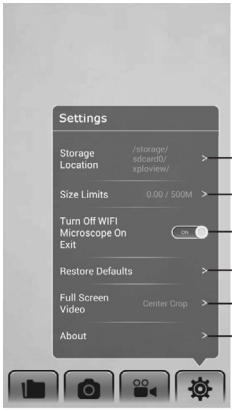
Start video recording

Pause video recording

End video recording

Open System Settings Menu (see system settings menu on page 14)

System settings menu



Set image directory

Set size limit for video files (in MB)

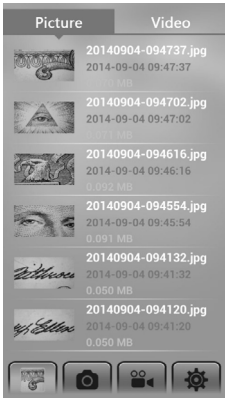
Toggle to turn off wireless microscope upon app exit

Restore the wireless microscope to factory status

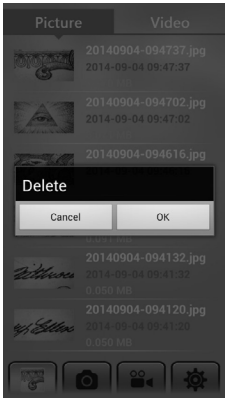
Display settings

Information about the app

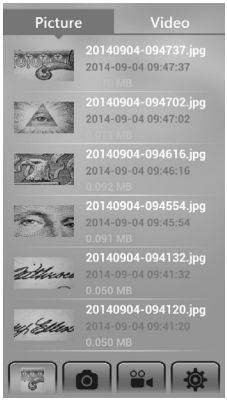
Deleting an item



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 based PC

- Insert the supplied application CD to the CD-ROM of the computer.
- Double click the "xploview wireless v3.2.xx.exe" icon < > located on the driver CD.
- Follow the xploview setup wizard to install the application software for the wireless microscope.

Mac OS based PC

- Insert the supplied application CD to the CD-ROM of the computer.
- Double click the "xploview wireless v3.2.xx.dmg" icon < > located on the driver CD.
- Drag the xploview icon < > into the Applications folder.

USING THE XPLOVIEW SOFTWARE WITH A COMPUTER

Connecting the device

Turn on / connect the WiFi adaptor in the Windows or Mac operating system.

Search for and connect to "xploview_xxxxxx" under the list of available wireless networks. ("xxxxxx" is a 6 digit code unique to your device.)

The default password of the device is 12345678.

Starting the xploview software

Windows based PC

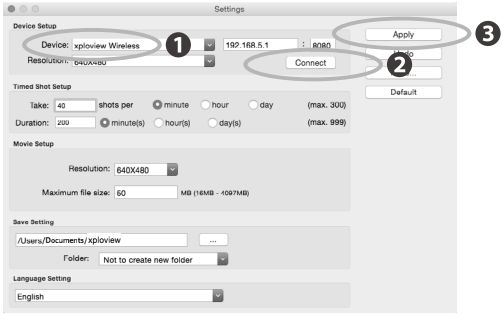
The xploview software can be launched by double clicking the xploview icon < > from the desktop, or from the start menu.

Mac OS based PC

The xploview software can be launched by double clicking the xploview icon < > from the Applications menu.

Selecting the device in the xploview software

From the "Device" drop-down menu under the "System Settings" menu, choose "xploview Wireless" and click the "Connect" button and click "Apply".



Button menu

The icons on the button menu :

Open **System Settings Menu** (see system settings menu on page23).

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 24 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.

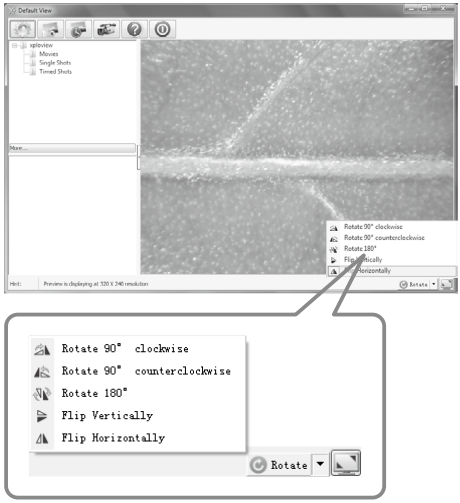
Full screen viewing

To activate the full screen mode, click the full screen button < > located on the bottom right corner of the xploview 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

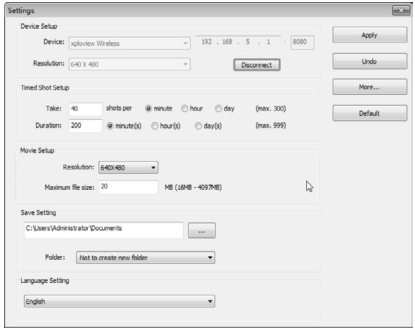
Click < Rotate > button to rotate or preview screen.



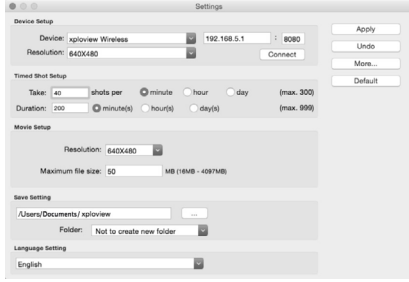
System settings menu

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 based PC



Mac OS based PC

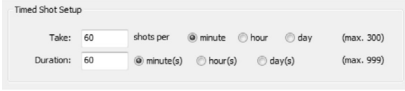


Device setup

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

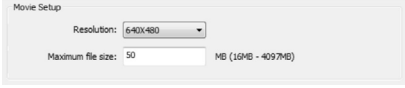
Timed shot setup

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



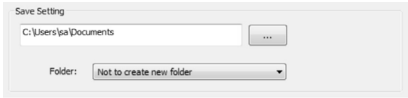
Movie setup

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.



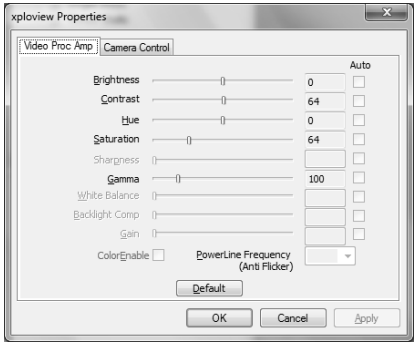
Language setting

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

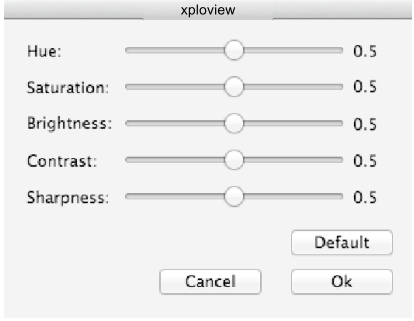
Advanced settings

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 based PC

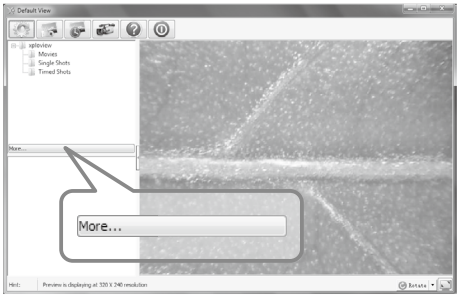


Mac OS based PC



Saved files

With the xploview 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 xploview software

Windows based PC

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

Mac OS based PC

Drag the xploview wireless application icon from the "Applications" folder to "Trash".

Warranty & Support

This product is provided with a one year warranty for problems found during normal usage. Mistreating the Easi-Scope Wireless or opening the unit will invalidate this warranty.

All out of warranty repairs will be subject to a replacement fee.

Technical Support

Please visit www.tts-group.co.uk for the latest product information.

Email feedback@tts-group.co.uk for technical support.

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TTS is proud to be part of RM plc

Easi-Scope Wireless™

TTS Product Code:
EL00470

WARNING: Do not dispose of this product in household waste. Hand it over to a collection point for recycling electronic appliances.

WARNING! Not suitable for children under 36 months due to small parts – choking hazard. Made in China, on behalf of the TTS Group Ltd.