



Easi-Scope Wireless™

Magnifies specimens up to
41x 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 the 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



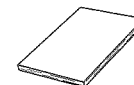
Installation CD



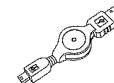
Adaptor



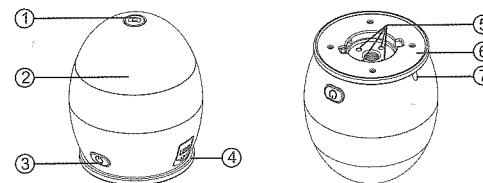
User manual



USB cable



Product overview



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

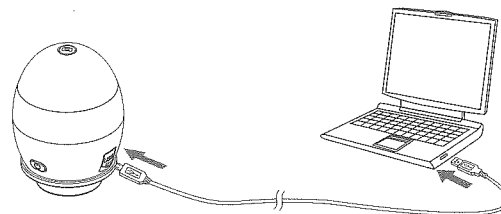
5. LED lights
6. Adaptor slot
7. Indication light

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	Ø 70 x 85 mm
Weight	170 grams

GETTING STARTED

Charging

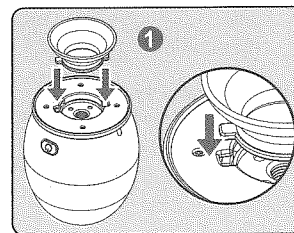


Charge the wireless microscope before using it.

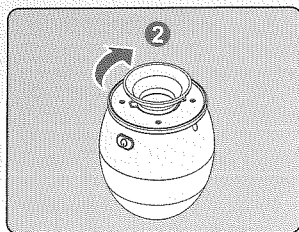
Connect the wireless microscope to a computer with the USB cable provided.

Status	Indication light colour
Charging	Red
Charged	Green

Assembling the product

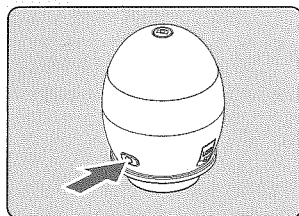


Insert the adaptor into the adaptor slot.



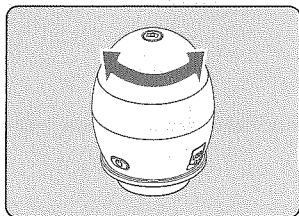
Fasten the adaptor by turning it gently in the clockwise direction.

Turning on the device



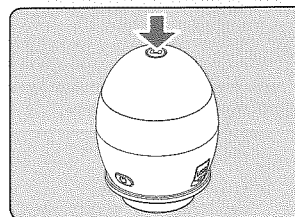
Press and hold the power button for 2 seconds.

Focusing



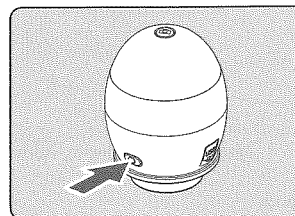
Adjust the focus of the image manually by rotating the focusing ring.

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



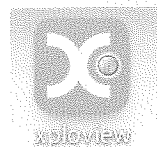
Search for "xploview" on Play Store or App Store on your mobile device and install the app.



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.

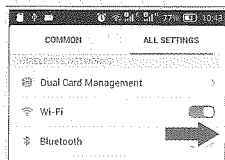
USING THE WIRELESS MICROSCOPE WITH A SMARTPHONE

Connecting the device

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



Go to "Settings".



Turn on Wi-Fi connection.

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

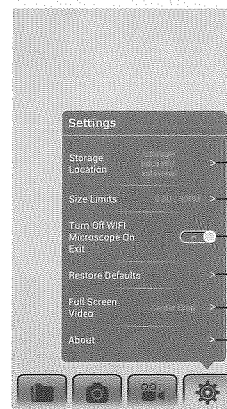


End video recording



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)

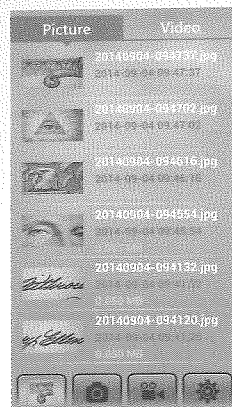
Toggle to turn off wireless microscope upon app exit

Restore the wireless microscope to factory status

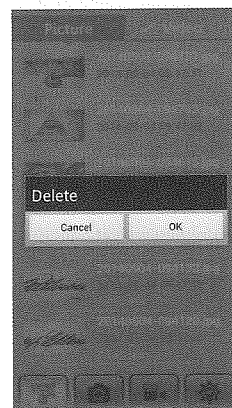
Display settings

Information about the app

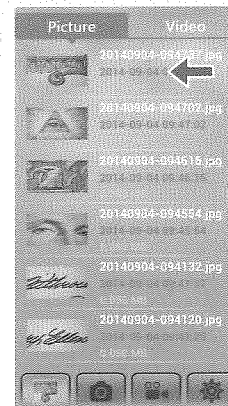
Deleting an item



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 page 22).



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.

Full screen viewing

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

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

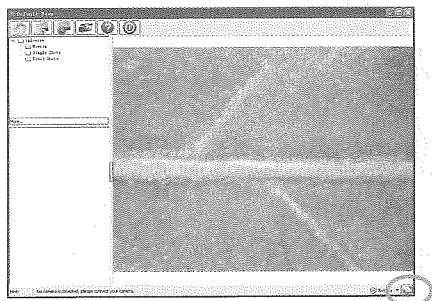

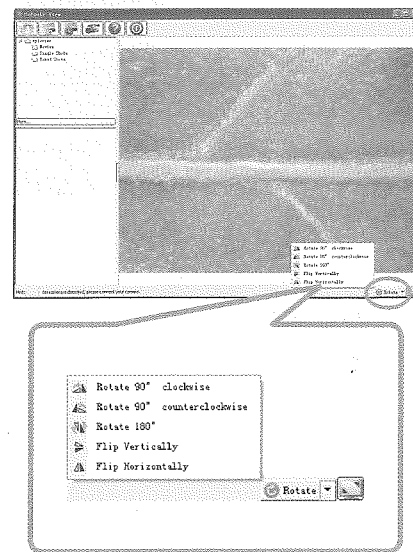


Image rotation / flip

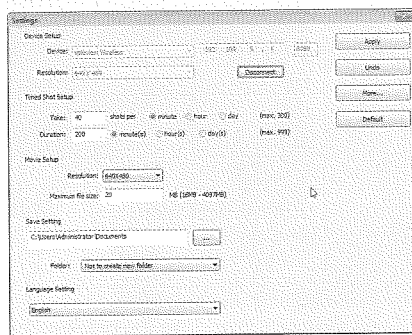
Click  > to rotate or preview screen.



System Settings Menu

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

Windows

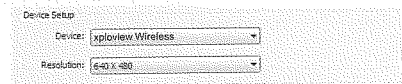


Mac OS



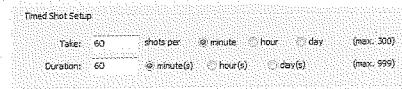
Device setup

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.



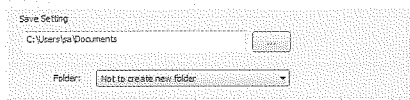
Movie setup

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

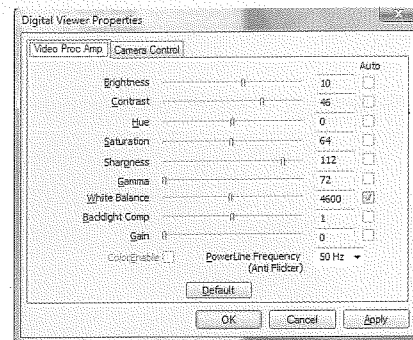
The language of the xplovview software can be changed under this option.



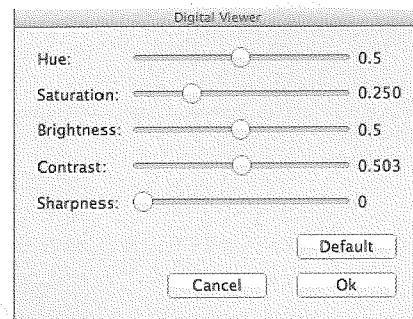
Advanced settings

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

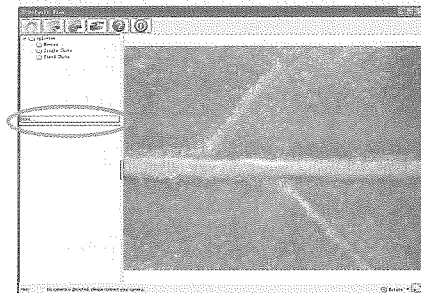


Mac OS



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".

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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Park Lane Business Park
Kirkby-in-Ashfield
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TTS is proud to be part of **RM** plc

Easi-Scope WirelessTM

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.



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