

1. WI-FI CONNECTION

DOWNLOAD THE APP

For Apple products: install the app on your iPhone or iPad via the Apple App store. Simply search for “Visio-tek” in the search box and you will see the App as the first result in the search.

For Android products: install the app on your Android device by searching for “Visio-tek” in the Google Play store.

CONNECT YOUR DEVICE TO WI-FI

First turn your device on by holding the power button and wait for the green power indicator to light up with a LED light. Wait approximately 20 seconds for the blue Wi-Fi indicator to light up.

A flashing blue light tells that the device has connected to Wi-Fi.

NETWORK CONNECTION

Check the Wi-Fi connection on your phone, tablet or PC and search for available networks. Look for the connection that’s most similar to SSID “**WiFi2SCOPE_xxxxxx**” and tap it.

You will be prompted for a password. Enter “**12345678**” without the parenthesis, press ‘**Ok**’ and you will be connected.

NOTE: Entering password is only required the first time you connect your device.

VIEW THE PICTURES

Open your Visio-tek App. Within roughly 5 seconds you will be able to see the images on the device screen.

To view the video stream, check that the Wi-Fi indicator is flashing and connect to the video stream. This can then be broadcasted to other devices if you wish.

Note that frame rate of live video will decrease by increasing number of receiving devices connected simultaneously.

2. USING THE LED BUTTONS

Power Indicator (green LED): The LED lights up when the microscope is in Wi-Fi mode or when connected via Mini USB cable to the PC or power supply.

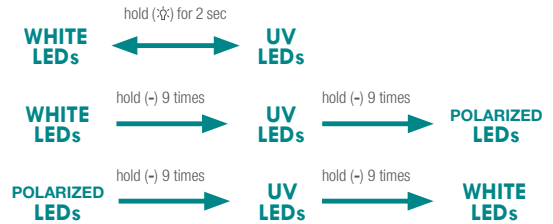
Wi-Fi Indicator (Blue LED): When Wi-Fi is transmitting correctly, the LED will flash. Continuous illumination indicates no Wi-Fi transmission.

Wi-Fi: Hold the button for 2 seconds to activate the device Wireless Access Point (WAP)

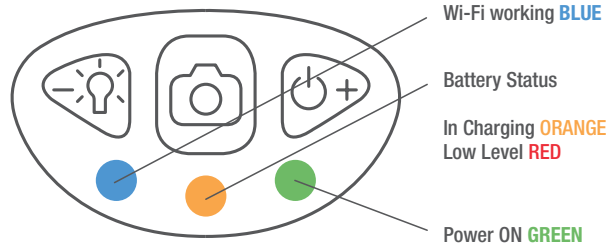
USB: Switch off your Visio-tek microscope and connect to the USB port on your computer via USB cable

Snapshot Button: Press the button to capture pictures directly from the microscope.

LED Regulator Button (+/-): Press + and - to increase or decrease the intensity of the light.



- after switching from IR to UV LEDs, if press + once, it will return to IR LEDs (low luminance status)
- after switching from WHITE to UV LEDs, if press + once, it will return to WHITE LEDs (low luminance status)



SWITCHING LIGHT FUNCTIONS

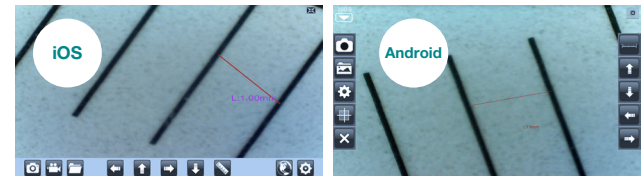
Hold **LED Switch Button** (⌘) for two seconds to switch from white light to UV light/ Polarized light;

Press + and - to increase or decrease the intensity of the light. The UV LEDs or Polarized LEDs are automatically activated when the intensity drops below the LEDs minimum levels.

3. THE APP ON APPLE & ANDROID DEVICES

Click on to run the Visio-tek app and view the live stream. If the image stream seems too slow or goes to a black screen, restart the app and connect again.

On Android connected devices, run the app by clicking on and after click on



- | | | | |
|--|---------------------------|--|---------------------------|
| | Capture Photo | | Capture Photo |
| | Capture Video | | Photos / Videos Folder |
| | Photos / Videos Folder | | Calibration & Measurement |
| | Navigation Icons | | Navigation Icons |
| | Calibration & Measurement | | Resolution Settings |
| | Resolution Settings | | Reset |
| | IP Address | | |


4. CALIBRATION ON SMARTPHONE & TABLET

To obtain accurate measurement data for each magnification, please calibrate before any measurements. Use the enclosed calibration ruler. Bring the image into focus by turning the "Focus & Magnification adjustment wheel";




CALIBRATION ON iOS

Click the calibration icon  to pop-up the screen;

Click "Calibration" :

- Click to select a first point and refine the selection by clicking the arrows. 
- In the same way select a second point at a known distance;
- Press any point on the screen.
- Enter the actual value of length and press "OK": a line of known length will appear.

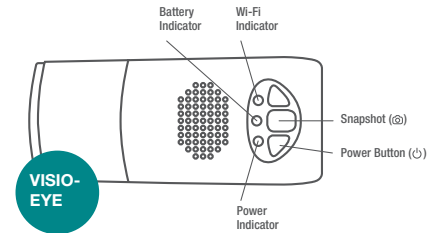
CALIBRATION ON ANDROID

- Click on the triangle button on the top-left of the screen and enter the scale value in the "Magnification" box.
- Use the enclosed calibration ruler as observed object. Click on .
- Click  to start calibration.
- Click to select a first point and refine the selection by clicking the arrows. 
- In the same way select a second point at a known distance.
- Press any point on the screen, enter the actual value of length and press "OK": a line of known length will appear.

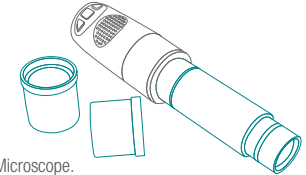
Now the calibration is completed. Click on the screen again, you can make measurements on the live video using the same focus. If the new photo object is not in focus, please only adjust the distance between the microscope and the object until the photo is clear.

For more information about Calibration go to Visio-tek official website www.visio-tek.net and search the related video tutorial.

5. CONFIGURATION & INSTRUCTIONS FOR VISIO-EYE



FOR EYEPIECE MICROSCOPES



C- Mount thread microscope:

connect by screwing the VISIO-EYE to your Eyepiece Microscope.

Microscopes with 23 mm diameter eyepiece:

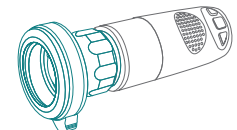
screw VISIO-EYE to VISIO-SCOPE lens and insert in the Eyepiece Microscope.

Microscopes with 30 mm diameter eyepiece:

screw VISIO-EYE to VISIO-SCOPE lens; enter the 30.0 adapter and insert in the Eyepiece Microscope.

Microscopes with 30.5 mm diameter eyepiece:

screw VISIO-EYE to VISIO-SCOPE lens; enter the 30.5 adapter and insert in the Eyepiece Microscope.



FOR OPTICAL ENDOSCOPES

Screw VISIO-EYE to VISIO C-coupler and holding the C-couplers' flaps open, insert the endoscope; rotate C-coupler's zoom ring to focus. Depending on the microscope or endoscope's magnifying lenses, it may be necessary to tighten the VISIO-EYE-RING on your VISIO-EYE.

6. F.A.Q

1. Q: There is no video display on the app after successful Wi-Fi connection. What do I do?

A: If the Wi-Fi LED's doesn't light up, power off Wi-Fi microscope and close the App to restart it. If the illumination LEDs light up, wait about 5 seconds to restart the App or power off Wi-Fi microscope and close the App to restart it. If the problem persists, continue restarting the app.

2. Q: The Wi-Fi microscope video stops after changing the resolution to 1280 x 1024, but it works well at 640x480. Why is that?

A: Low battery, charge your microscope.

3. Q: The Wi-Fi microscope video stops working after a long time. What do I do?

A: Check if the battery is low or dead. Power off the Wi-Fi microscope and close the App to restart it. Follow the procedures in the quickstart guide to restart the app.

4. Q: The Wi-Fi microscope video's frame rate is slow. How do I fix it?

A1: Please wait for about 5 seconds and restart the app.

A2: Set the video resolution to 640x480 if the current resolution is 1280x1024.

A3: Check if there is low battery or there are other Wi-Fi networks around interfering with the connection. If the problem persists, restart the app.

5. Q: Why does the video stop displaying after I change the resolution?

A: When changing the resolution, you must wait until the LED light is off and lights up again before clicking for live video - it takes about 5 seconds. Also try to power off the Wi-Fi microscope and close the app to restart it.

6. Q: Why does the device feel warm after the Wi-Fi microscope has been working for some time?

A: The power dissipation of the Wi-Fi microscope is about 2.5W. The highest internal temperature of the device can reach about 60°C, so this could make feel a slight warmth to the user.

7. Q: How long can the WiFi microscope work on a full battery charge?

A: It is about 2 hours at 640x480 resolution. So it's suggested to switch the device off when not being used. Full charging time is about 4 hours.

8. Q: Can I use the WiFi setup or the wired setup via USB?

A: This is a possible option, refer to the complete user manual.



IMPORTANT INFO AND WARNINGS

1. PLEASE READ THE USER MANUAL BEFORE USING THE PRODUCT

2. Do not expose this product to water or other liquids. Immediately power down the product if it comes into contact with water or other liquids. Continued use of the product may result in fire or an electrical shock.

3. If the lens is dirty, please use a lens brush or soft cloth to wipe clean. Avoid touching it with your fingers. Exercise care to avoid scratching the lens.

4. Close the Software, before removing the microscope from the PC.

5. Multiple wireless sources placed too close each other can cause interference and issues with functionality. For example Wi-Fi, cordless phone, Bluetooth etc.

Please keep the Wi-Fi microscope away from these and other wireless sources during operation.

DISPOSAL

The crossed waste bin indicates that the product must be collected separately from other waste at the end of its useful life. It must be disposed of in accordance with local WEEE regulations.

WARRANTY

The warranty of this product against any defects due to materials or workmanship is valid for a period of 1 year from the date of original purchase. To take advantage of the guarantee, you must retain your purchase invoice. The warranty is null and void if the damage is resulting from carelessness or misuse. Products considered to be defective should be returned only to the dealer from which it was purchased accompanied by the invoice.

For more information about our products go to the VISIO-TEK official website: www.visio-tek.net

