

Wi-Fi & USB DIGITAL DEVICE / CAMERA USER MANUAL



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Welcome

Thank you for choosing Mic-Fi digital device!

The microscope or camera can be used over a Wi-Fi network but also with a USB connection.

Through the specific App or software included you can clearly view the detail, capture and save images or videos.

Please read this manual carefully before using Mic-Fi Wi-Fi digital device!

1 Safety Cautions

Need to read Mic-Fi Wi-Fi digital device User's Manual before using and storing it

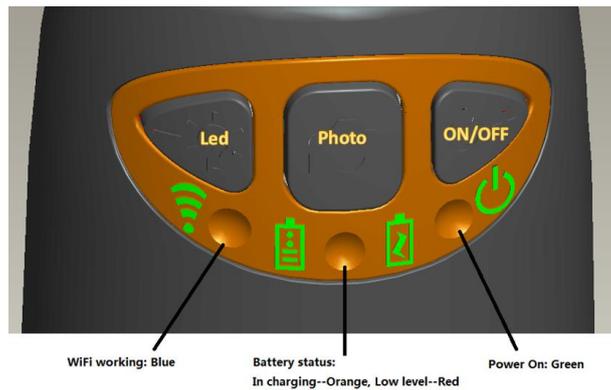
ITALECO S.R.L. will not be held responsible in case of damages or injuries due to an illegal or improper use of the product resulting from failure to follow instructions, warnings, notices or indications for use published in this book.

- Avoid touching the lens.
- Keep out of reach of children
- Do not direct the beam of light toward the eyes (not for Iriscope)
- Protect the product from electrostatic damage.
- Do not attempt to disassembly any part of this product.
- Do not attempt to service this product yourself. Opening the covers may expose you to dangerous voltage points or other risks.
- Store and operate Wi-Fi Device at Temp: -20 ~ 45°C, Humidity: 45% ~ 85%, storing and operating outside these limits may reduce the life of the product.
- Do not expose this product to water or other liquids. If water or other liquids enter the product, immediately power off the product. Continued use of the product may result in fire or an electrical shock.
- Do not use any detergent or volatile solution, as this will damage the camera case, painted surfaces and lens. To clean the product uses only a soft cleaning cloth.
- Do not place this product near a heat source or expose direct flame, avoid the lens damaged by high temperature or humidity.
- If the lens is dirty, please use a kens brush on soft cloth to wipe clean. Avoid touching it with your fingers. Exercise care to avoid scratching the lens.
- To avoid electric shock, remove all electricity source before removing PC.

2. Package Contents

- Mic-Fi Wi-Fi digital Device
- USB AC adapter
- USB cable
- Plastic Stand (according to the models)
- Calibration Ruler (according to the models)
- Focus Caps (according to the models)

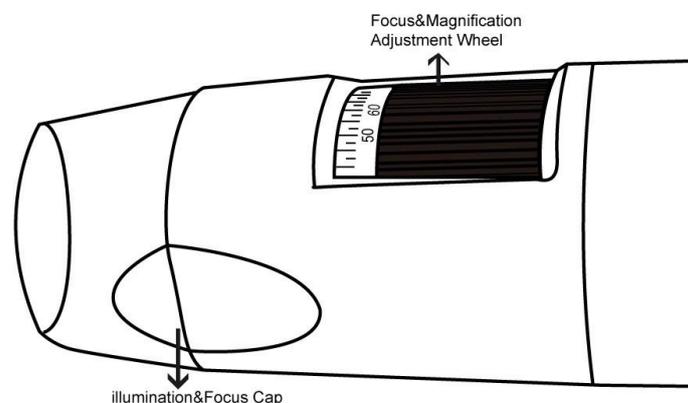
3. Use of the Device



- **Wi-Fi:** Press  for 2 seconds; the device will generate a Wi-Fi network
- **Wi-Fi Indicator**  (**Blue LED**): Flashing light indicates data transmission; constant light indicates no data transmission.
- **Power Indicator**  (**Green LED**): Lights up when Wi-Fi power on or connected to PC or AC adaptor via MiniUSB cable.
- **Led**: Press  for 2 seconds to switch different LED (depend of the models); press + and – to increase or decrease the intensity of light (not available for the Mic-Fi Camera)
- **Photo:** Press  to capture the picture of the device image.
- **Snapshot Button:** Every time after the successful connection of the WiFi device, you have to enable the Snapshot feature on the App (The LED illumination will be off and then lights up again). The Snapshot only works with the receiver when the App snapshot feature has been enabled.

3.1 Charging Instructions

1. Connect the DC Adapter (plug the AC adapter into an AC outlet) or PC's USB cable, it charges whether the power switch is on Wi-Fi or OFF/USB. **We DO NOT recommend charging Wi-Fi Device while in use.**
2. **Battery LED**  (**Orange LED or Red LED**): **Red LED** when the battery level is low; **Orange LED blinking** when the battery is charging
3. **LED charge** : When the battery is at fully charged, the battery LED is **Orange fix**.



4. Working in Wi-Fi Mode

Before starting the Mic-Fi app, please make sure the Wi-Fi device has already connected to your display device by Wi-Fi.

1. Install:
 - a) For **iPad** and **iPhone**: Search “**Mic-Fi**” in **App Store** to download and install it.
 - b) For **Smart-Phone** and **Tablet Android**: Search “**Mic-Fi Plus 2**” in **Google Play** to download and install it.
 - c) For **Windows** and **Mac PC**: Download the Mic-Fi Software by www.mic-fi.com
2. Press  for 2 seconds, wait for ~20 seconds until the Wi-Fi indicator  and the illumination LEDs light, then the Wi-Fi signal will be transmitting correctly.
3. Check the wireless connection on your Phone/Tablet or PC and a list of available networks will appear. Select the SSID “Wi-Fi2SCOPE_xxxxxx” network from the list to connect; the network “Wi-Fi2SCOPE_xxxxxx” requires a password: enter the password “**12345678**” and click OK.
4. Once connected, please wait for about 5 seconds to open the “Mic-Fi” application to see your images. If there is no video display, please close and restart the “Mic-Fi” app again. When the Wi-Fi indicator LED  flashes the video stream signal should be displayed in the app. Video streaming can be broadcasted to many devices, but the frame rate of live video will decrease as the number of receiving devices increases.

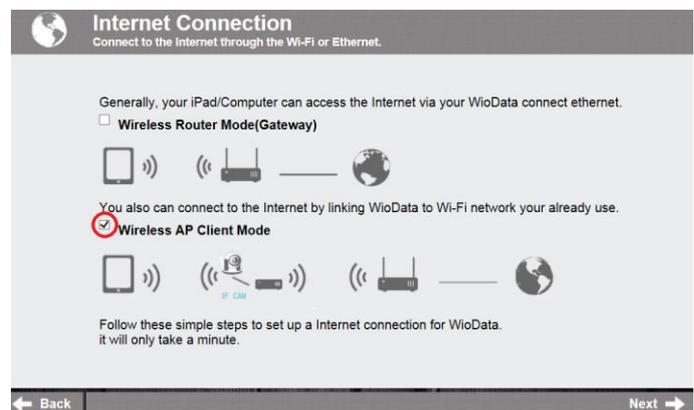
4.1 Simultaneous use of Internet and Device’s Wi-Fi Connections

You can use the Wi-Fi network of the device and that of the PC / SmartPhone / Tablet at the same time

1. To access the internet by Wi-Fi connection at the same time the Wi-Fi device is working, open an internet browser, input <http://10.10.1.1> and click “enter”. A pop-up window will require you to enter a username and password, please enter: **admin** and **admin**, and then this window should appear:



2. Click  in the window to pop-up the screen:



3. Select “Wireless AP Client Mode”, click  to pop-up the screen:



4. Click  till your desired network SSID appears, and click it to pop-up the screen:



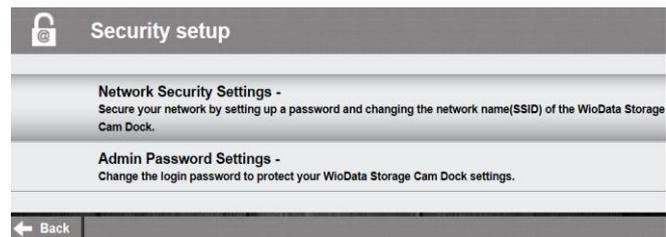
4.2 Wi-Fi Security Setup

To change the Wi-Fi access password:

1. Open an internet browser, input <http://10.10.1.1> and click "enter". A pop-up window will require you to enter a username and password, please enter: **admin** and **admin**, and then this window should appear:



2. Click  in the window to pop-up the screen:



3. Click "Network Security Settings" to pop-up the screen on the right.
4. Enter your desired Network Name (SSID) and password in "WPA-PSK Key" and "Re-Enter", and click "Next". The setting is done, now you can re-connect the new SSID Wi-Fi by entering the new password.



5. "Mic-Fi" on iPad/iPhone

5.1 Installation on iPhone / iPad



Search "Mic-Fi" in the App Store to download and install it.

Note: Before start Mic-Fi app, please make sure the Wi-Fi device has already connected to your display device by Wi-Fi. (See point n. 4 of this manual)

Click the  icon to display Video.

Warning: If the live video is blank or slow, please restart the "Mic-Fi" App again.



: Capture photo.



: Record video. (The pixel resolution has to be set at 640x480 when recording video).



: Album for Photos or videos.



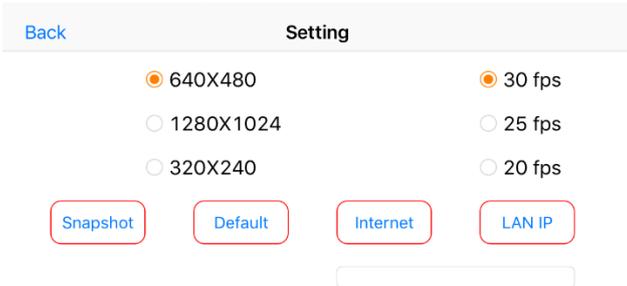
: Navigation icon—moving a dot left/up/down/right for calibration or measurement operations.

: Measurement. : Calibration. : Line. : Angle. : 3 dots for circle. : Text, : Crossline.

: Access a remote device in intranet: Input the LAN IP of the remote device.

 : Export or delete image

: Setting: (When changing the resolution, please wait until the illumination LED is off and lights up again – it takes about 5 seconds).



Snapshot: Enable the button snapshot.

Default: Video setting is default.

Internet: Setting for internet at the same time.

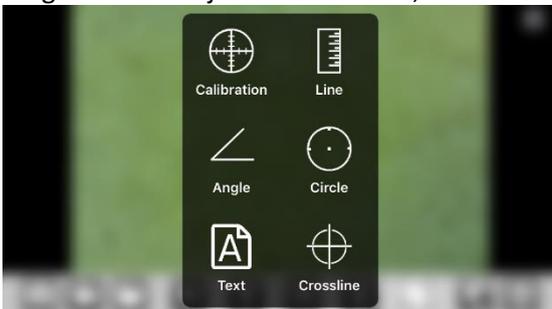
LAN IP: Getting LAN IP for intranet access.

5.2 Calibration on iPad/iPhone

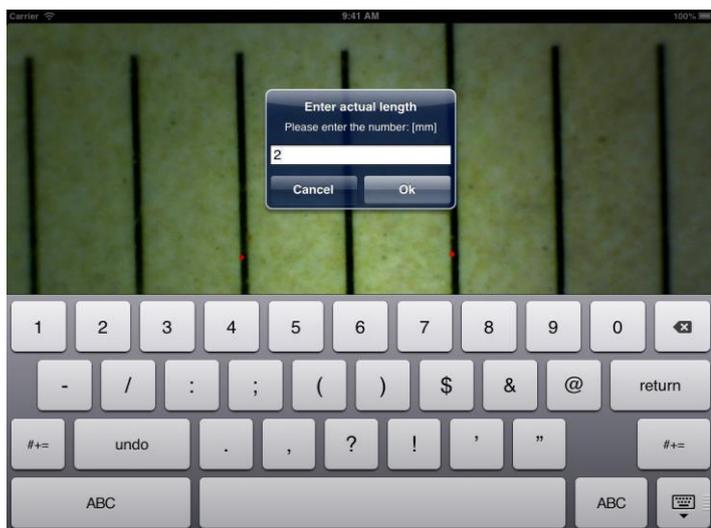
To obtain the accurate measurement data for each magnification, please calibrate before performing measurements.

Use the enclosed calibration ruler as the to-be-observed object. Bring photo into focus by turning the “Focus &

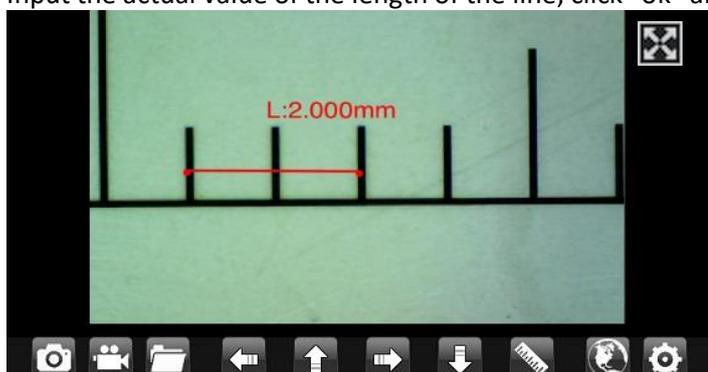
Magnification Adjustment Wheel”; Click  to pop-up this below screen:



Click  to back the live video, click two dots (move the dot by clicking , , , , in order to draw your desired line) then click on the live video to show the following :



Input the actual value of the length of the line; click “ok” and on the live video to pup-up this below screen:



Now the calibration is complete. Click on the screen again, and you can mark measurements accurately on the live video using the same focus. **(Do not adjust the “Focus & Magnification wheel!”)**. If the new photo object is not in focus, please only adjust the distance between the device and the object until the image becomes clear. The measurement data can be saved on the photo image.

5.3 Measurement on iPhone / iPad

Line Allows you to measure the linear distance between two points.

Simply click and drag to the desired length, and click again to finish.

Angle Allows the measurement of an angle. Start at the pivot point and extend out to start measuring an angle.

Circle Allows the measurement of the circumference, area, and radius of a circle. Simply click on any three points on the circle you wish to measure.

Click the ruler icon and select “line”.

Select the two points whose distance is to be measured on the image and click the screen again. The measurement will

show. Click  to save the image **(Please do not adjust the “Focus & Magnification wheel!”)**. If the new photo object is not in focus, please only adjust the distance between the device and the object until the photo becomes clear. The measurement data can be saved on the photo image.

To obtain accurate measurement data for each magnification, please calibrate before performing measurements.

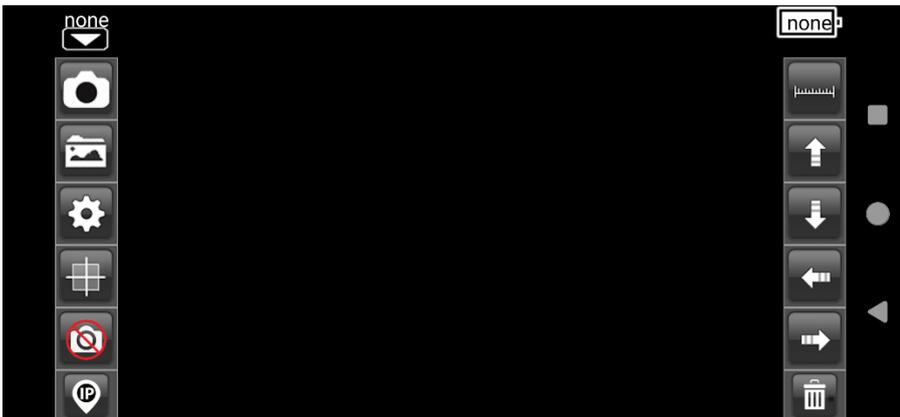
6. Mic-Fi Plus on Android Tablet /Phone

6.1 Installation on Android Tablet /Phone

Search “Mic-Fi Plus 2” in App Store to download and install it.

Note: Before starting the Mic-Fi app, please make sure the Wi-Fi device has already connected to your display device by Wi-Fi. (See point n. 4 of this manual)

Click the  icon and the  icon to display video.



: Capture photo.



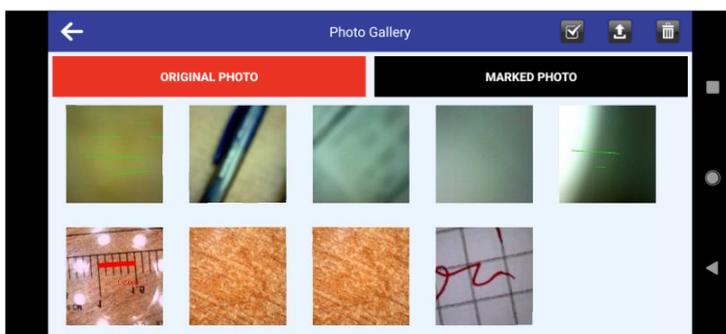
: Enable Snapshot



: Navigation icon—moving a dot left/up/down/right for calibration or measurement operation

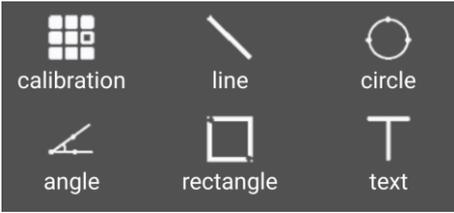


: Album folder. Is possible to edit the photo captured and save the changment





: Measurement icon.



Calibration; Line; 3 Points Circle; Angle; Rectangle; Text

←
SETTINGS

<div style="display: flex; justify-content: space-between; align-items: center;"> Resolution video resolution > </div>	<ul style="list-style-type: none"> RESOLUTION: When changing the resolution, wait for the device's LEDs to turn off and on. FPS: Keep the maximum number already pre-set UNIT: Allows you to choose the unit of measurement according to your needs DECIMAL: Choose how many decimal places you want COLOR: Choose the desired color of the various measuring instruments LINE SIZE: Choose the line thickness TEXT SIZE: Choose text size
<div style="display: flex; justify-content: space-between; align-items: center;"> Fps video frame rate > </div>	
<div style="display: flex; justify-content: space-between; align-items: center;"> Unit unit of measure > </div>	
<div style="display: flex; justify-content: space-between; align-items: center;"> Decimal measuring precision > </div>	
<div style="display: flex; justify-content: space-between; align-items: center;"> Color brush color > </div>	
<div style="display: flex; justify-content: space-between; align-items: center;"> Line Size brush width > </div>	
<div style="display: flex; justify-content: space-between; align-items: center;"> Text size text size > </div>	

- Data recovery if upgraded to Android 11 or higher

- Restoring microscope brightness and contrast to default

- Restoring the settings



Insert/remove a grid



Erase measurements and text on the image



Allows through LAN to see live images provided by the instrument on multiple connected devices. Contact assistance@mic-fi.com for instructions.

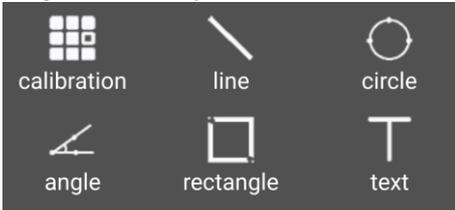
Warning: if the live video is empty or Slow, restart the "Mic-Fi" app again.

6.2 Calibration on Android Tablet / Phone

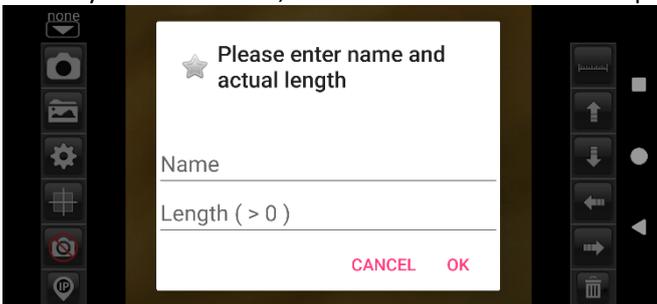
To obtain accurate measurement data for each magnification, please calibrate before performing measurements.

Use the enclosed calibration ruler as the to-be-observed object. Bring photo into focus by turning the “Focus &

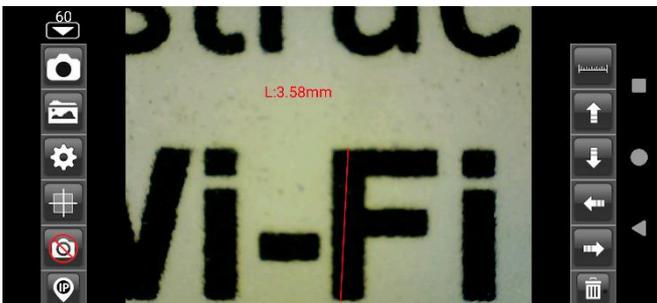
Magnification adjustment wheel”; Click  to pop-up this below screen:



Click on “Calibration ” to back the live video, click two dots (moving the dot by clicking  ,  ,  , ) which draw a your desired line, then click on the live video to pop-up this screen:



Enter the magnification value (read the scale under the zoom Wheel of the Mic-Fi device) and the chosen length; Click OK



Now the calibration is complete. By clicking on the screen again, you can mark measurements on the live video using the same focus. (**Please, do not adjust the “Focus & Magnification wheel!”**). If the new photo object is not in focus, please only adjust the distance between the device and the object until the image becomes clear.

6.3 Measurement on Android Table / Phone

- Line** Measure the linear distance between two points. Simply select a point with a click and drag to the desired length. One more click to finish.
- Angle** It allows you to measure the angle by selecting three points with a click.
- Circle** It allows you to measure the area, the circumference and the radius of the circle by selecting three points with a click.
- Rectangle** Measure the area of a rectangle
- Text** Allows you to enter text; Enter text, press OK and click on the point on the screen where you want to display text



EX. Press the ruler icon

and select "Circle". Select three dots on the screen and press on the screen. The measurement will appear.



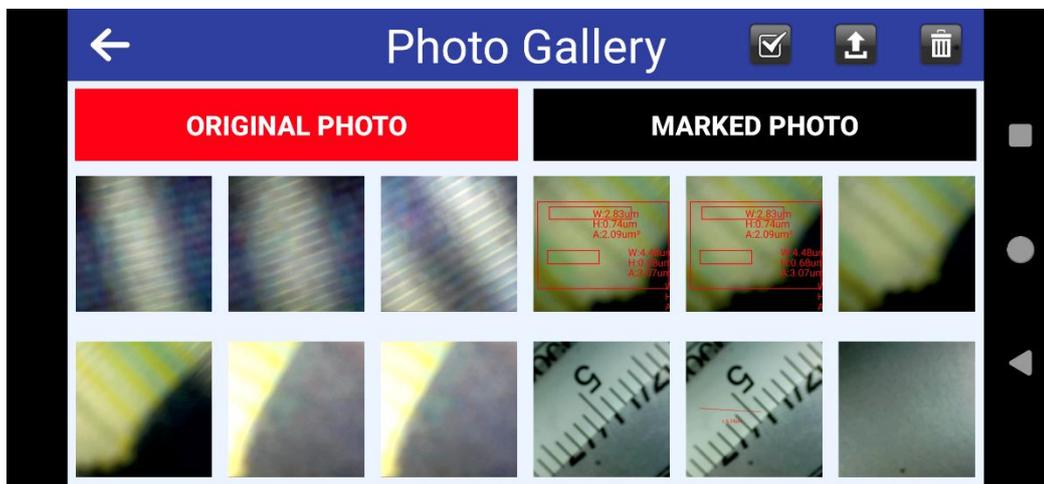
Press

to capture the image with the measurement. (Do not touch the "Focus & Zoom" adjustment ring). If the displayed object is not in focus, only adjust the distance between the device and the object until you get a sharp image.

MEASUREMENT ON CAPTURED PHOTO



Click on to see the images captured . Click on the desired image and make measurements and click on  to save. The saved image can be displayed under the MARKED PHOTO folder.



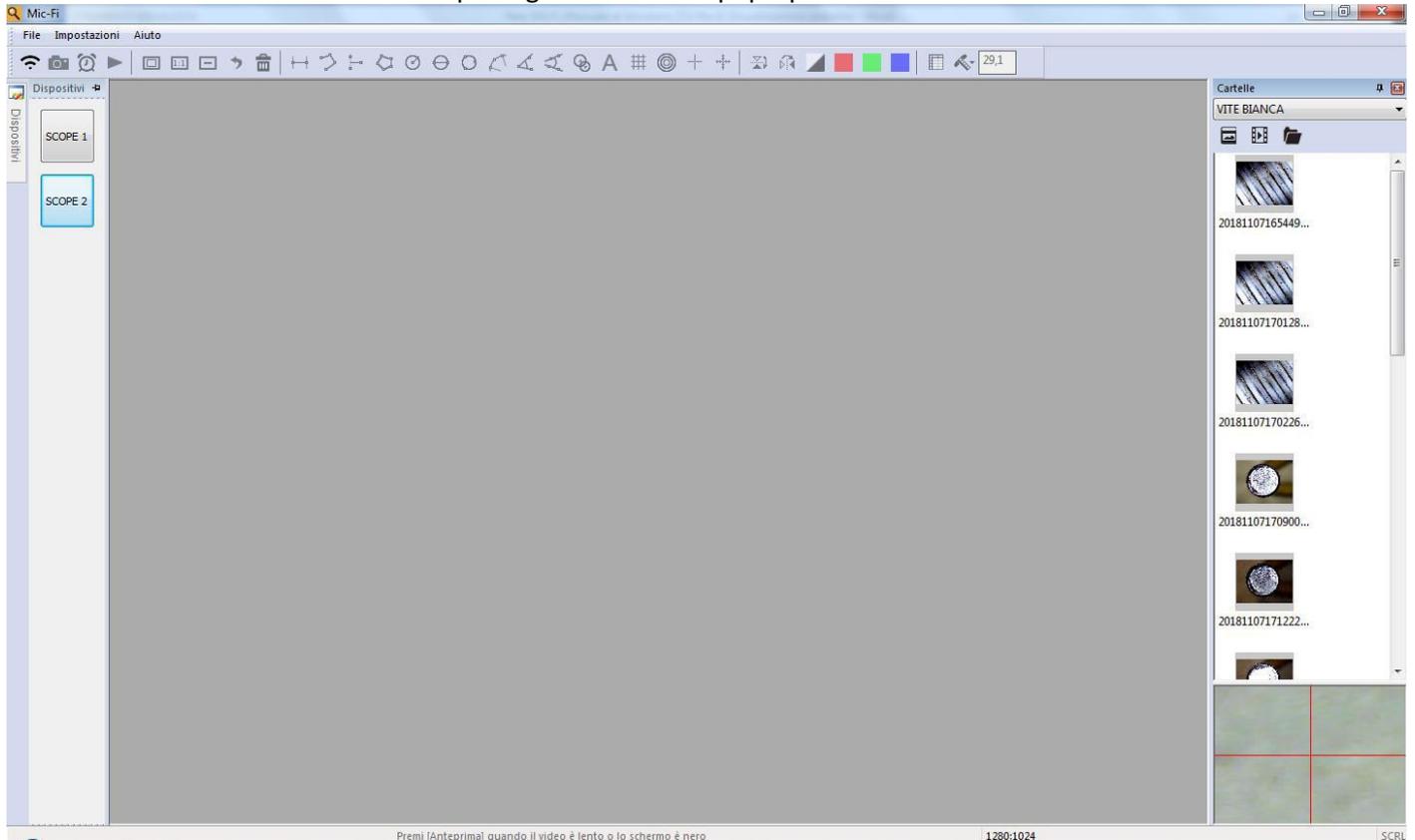
All images can be downloaded to the device; just click on  ; select the desired images and click on  to download them.

Images can also be deleted: Just click on  ; select the desired images and click on  to eliminate them.

7. “Mic-Fi” WiFi and USB on Windows Computer

Download the SW from our website www.mic-fi.com

Double-click on Mic-Fi icon after completing installation to pop-up the below screen:



7.1 Tool Bar



USB mode:



Connect USB cable to device and USB port of your PC and click on ; **please do NOT turn On the device.** You can connect 4 devices in USB + 1 in WiFi mode concurrently

Wifi mode:

Connect to Wifi your device as indicated in the point n. 4 of this manual and click on 

Photo Video Folder

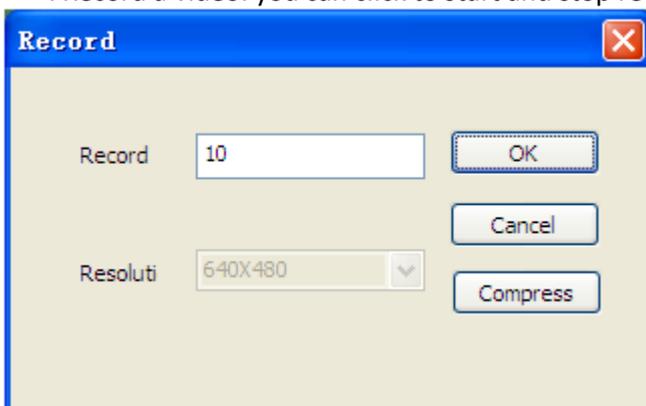


1 click - sort for created date

2 click - sort for alphabetical order

 : Take a picture

 : Record a video: you can click to start and stop recording a video.



 : Full screen

 : Normal the actual size.

 : Zoom out

 : Undo: undo the last action.

 : Delete: delete all measurement.

 : Line Measurement: The line measurement allows you to measure the linear distance between two points. Simple left-click and drag to the desired length, and click again to finish.

 : Continuous line Measurement

 : Point to line measurement

 : Polygon Measurement

 : Radius of Circle Measurement

 : Diameter of Circle Measurement

 : Three Points Circle Measurement

 : Three Points Arc Measurement

 : Three Point Angle Measurement

 : Four Point Angle Measurement

 : Circle Distance

 : Add Text

 : Gridlines: you can add gridlines to the live video and images.

 : Circle Grid: you can add circle grid to the live video and images.

 : Crosshair: you can add a crosshair to the live video and images.

 : Scale Crosshair: you can add a scale crosshair to the live video and images. The crosshair XY position can be moved when you select it.

 : Horizontal Flip: flip an image horizontally.

 : Vertically Flip: Flip image vertically.

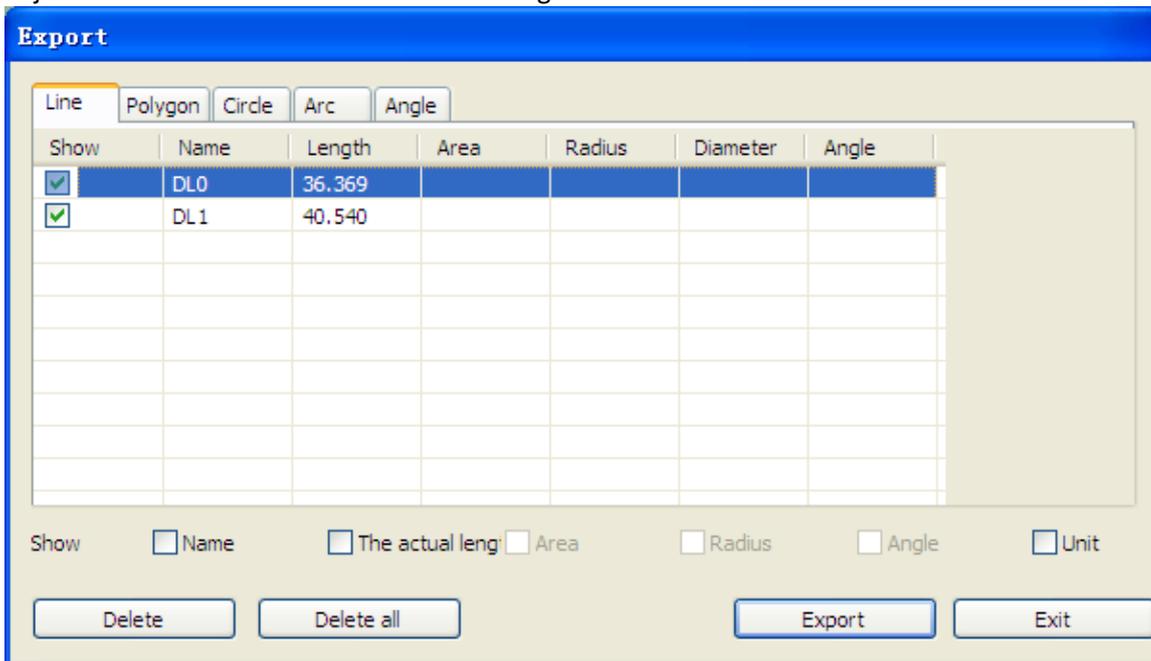
 : Negative

 : Monochrome image: Red monochrome image.

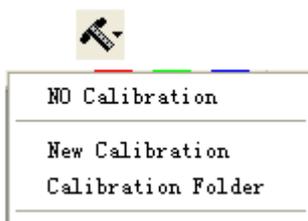
 : Monochrome image: Green monochrome image.

 : Monochrome image: Blue monochrome image.

Clicking on the  icon allows you to show or hide the measurement properties window. The measurement property window organizes and shows the status of all the measurements as well the ability to adjust how the results are shown on the image.

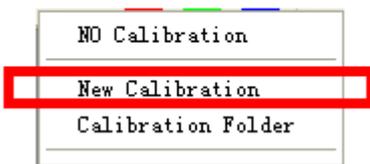
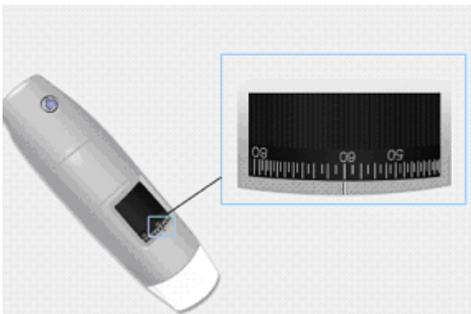


Calibration Menu



7.2 Calibration

It is strongly suggestion: To obtain the accurate measurement data, please calibrate before any measurement function at each magnification.



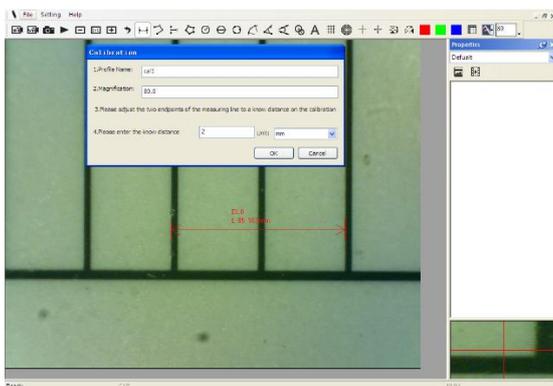
Calibration

1.Profile Name:

2.Magnification:

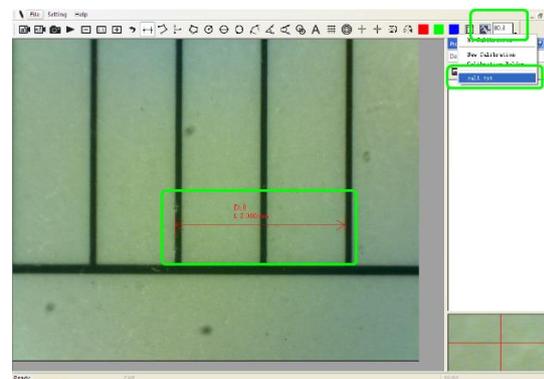
3.Please adjust the two endpoints of the measuring line to a know distance on the calibration

4.Please enter the know distance Unit:



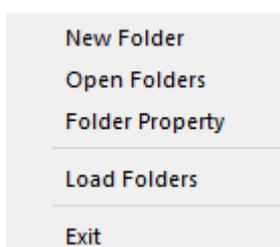
Select a known measurement standard as the to-be-observed object, such as a ruler, to be used for calibration. Bring photo of the selected ruler into focus by turning the “Focus & Magnification adjustment wheel”, determine the magnification by taking a reading from the scale on the focus dial as below:

1. In the live video window select the calibration drop down menu.
2. Select “New Calibration”.
3. A small window will pop-up, please enter profile name 、 magnification and the actual length.
4. Drag the mouse to draw a line which has actual length.
5. Press “OK” button to finish calibration.



Now the calibration is By clicking on the screen again, you can mark measurements on the live video using the same focus. (Please, do not adjust the “Focus & Magnification wheel!”). If the new photo object is not in focus, please only adjust the distance between the device and the object until the image becomes clear. The measurement data can be saved on the photo image.

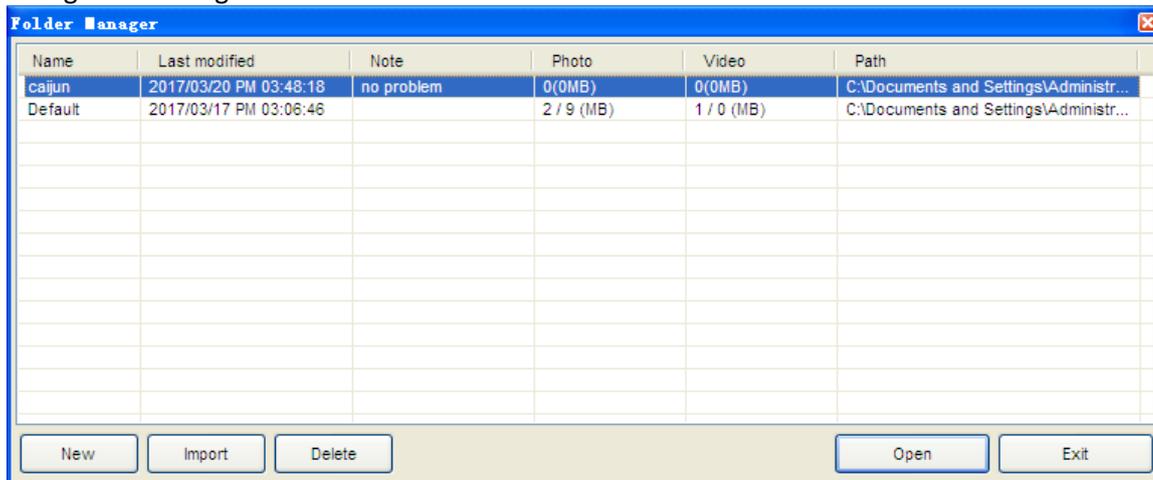
7.3 File



File.

New Folder: Display the “New Folder” window that allow you to create a new folder to save pictures/videos.

Folder Manager: Display the “Folder Manager” window, which allows you import, create, open, delete, as well as change the sorting order of folders.



Folder Properties: Display the “Folder Property” window. Allow you to see the properties of the current save folder and also allow changing the name and edit notes about the current save folder.

Exit: Exits Mic-Fi software.

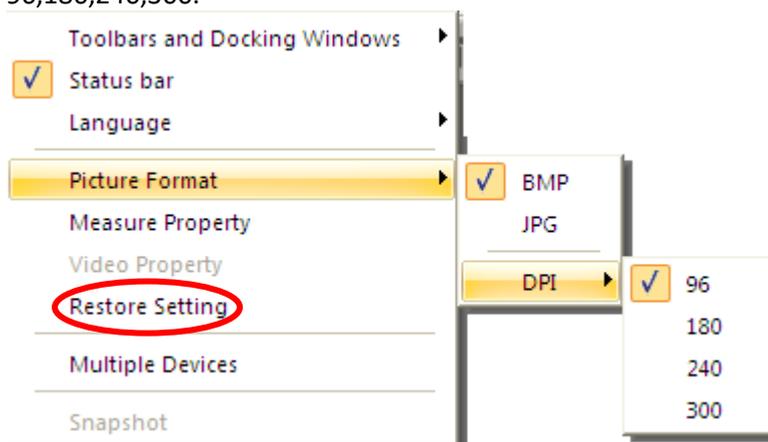
7.4 Setting

Toolbar and Docking windows: Check to show the tool bar. Uncheck to hide the tool bar

Status bar: Check to show the status bar. Uncheck to hide the status bar.

Language: The language selection allows you to select the Mic-Fi interface language.

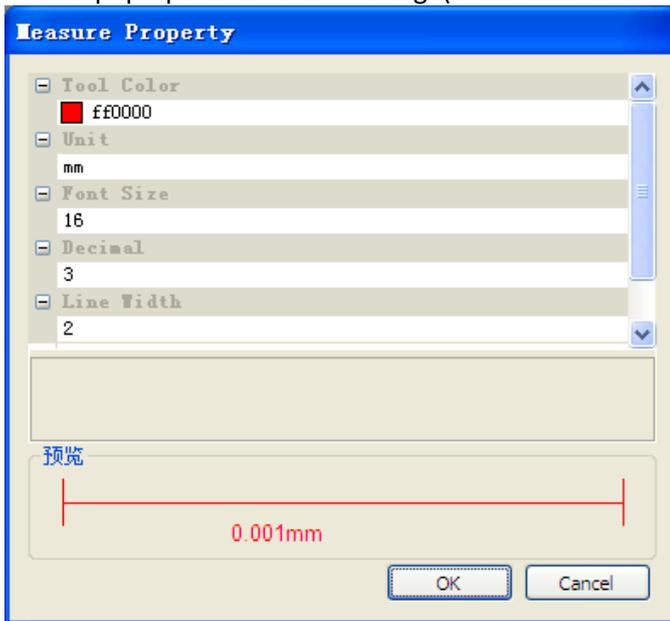
Picture Format: Change the default picture format from BMP to JPG and also set the default picture DPI settings to 96,180,240,300.



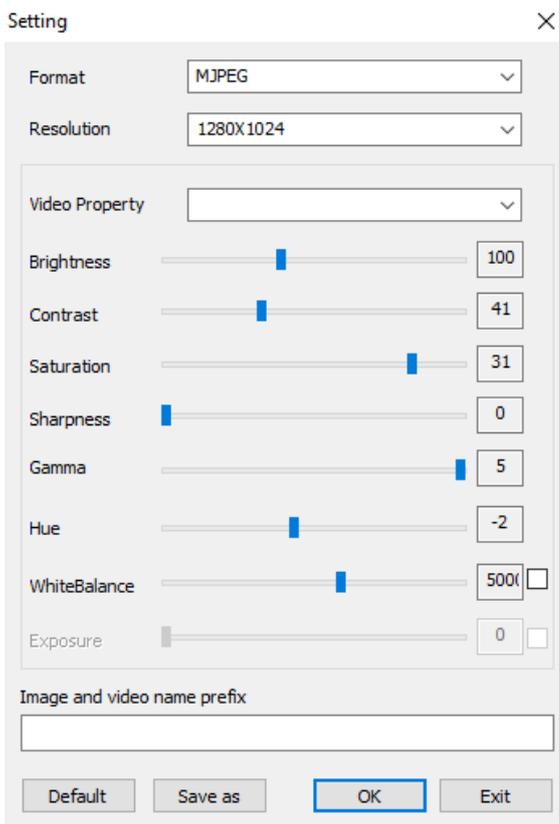
IF SOFTWARE REPORT ERRORS OR INTERRUPTS, PLEASE click on RESTORE SETTINGS.

7.4.1 Measure setting

click to pop-up the measure setting: (If the "Line width" is 2 or 3 Pixel, the "Pen Type" must be Solid-Line)



7.4.2 Video Setting



Restore Settings: Restore default settings.

7.4.3 Snapshot Enable

Go to "Setting" and after "Snapshot" to enable it

Warning: If the Windows Security Alert appears when enable snapshot (Windows 8 as example) as below window:



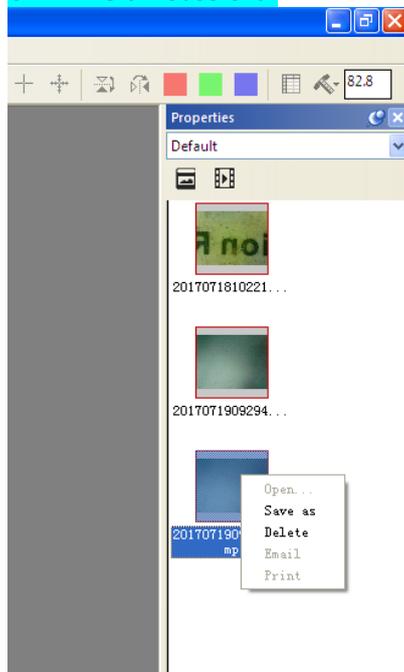
You MUST select the both check boxes of "Private networks" and "Public networks", and then click "Allow access" to allow "Snapshot" program communicate on these networks, or the button snapshot doesn't work. If miss the Allow operation, please click "Control panel->Windows firewall->Restore defaults", and restart Mic-Fi and "Snapshot Enable" to reset it.

Help:

About: Opens the "About" page pop-up for Mic-Fi.

To select multiple images

CTRL + Left Mouse Click

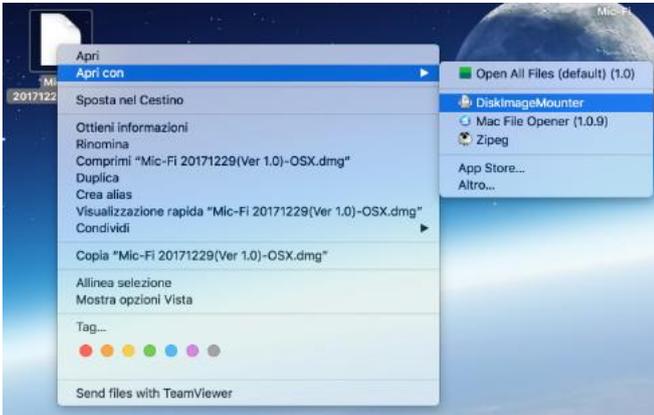


8. “Mic-Fi” WiFi&USB for MAC

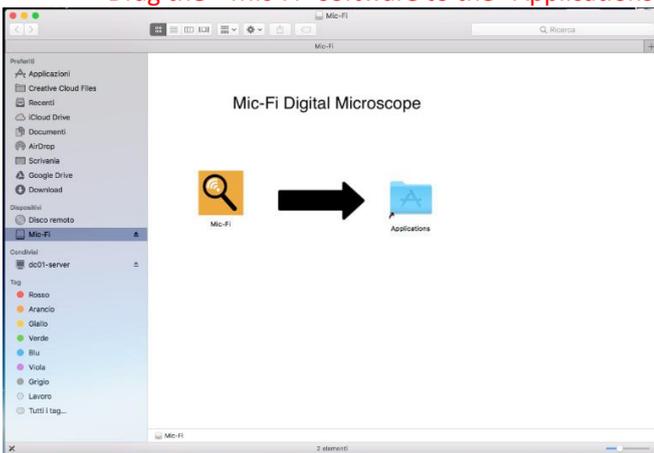
8.1 Installation

Download the “Mic-Fixxx.dmg” software from www.mic-fi.com and install it.

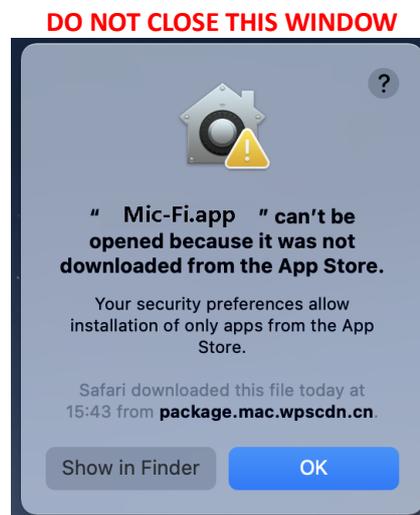
Copy the file on the “desktop” and open with “DiskImageMounter”



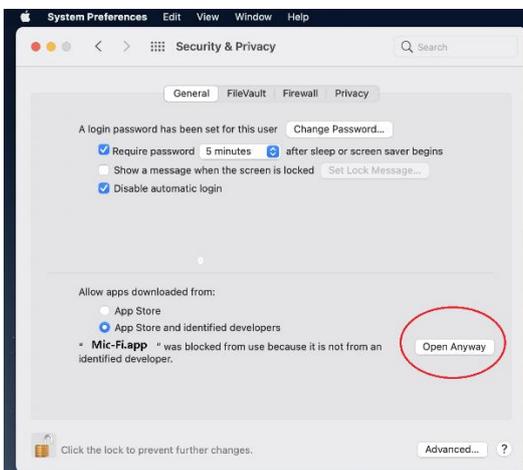
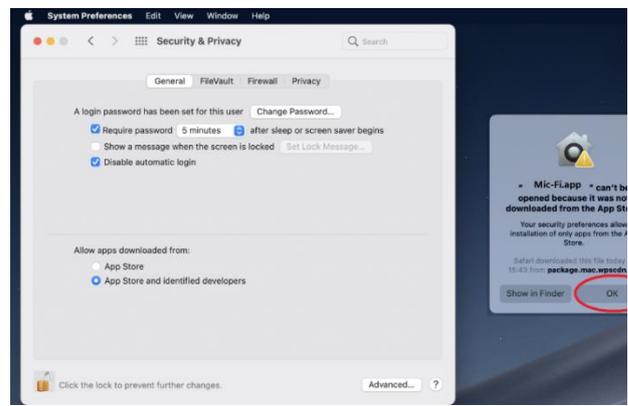
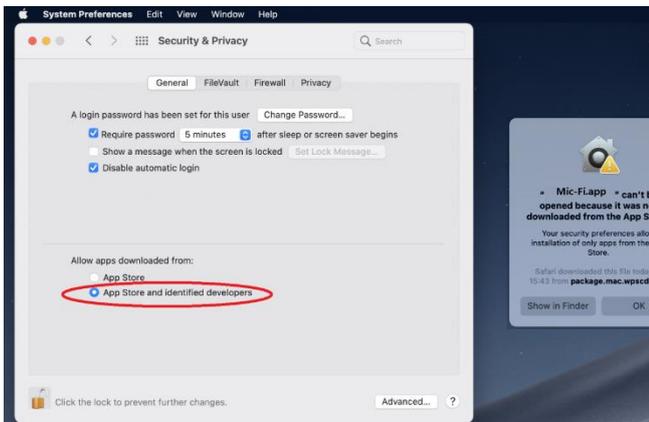
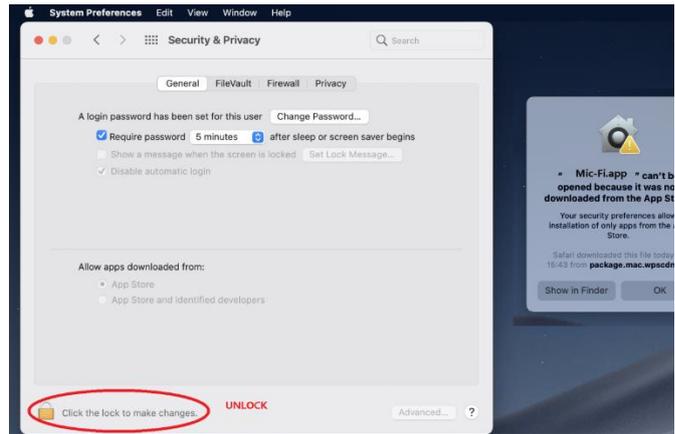
Drag the “Mic-Fi” software to the “Applications” folder to complete installation.



P.S If will appears a pop-up windows Security&Privacy see the following information.



Click the Apple icon  to pop-up the window on the right and click "System Preference" to open the next window.



After the installation, double click on this icon  to open the SW.

8.2 Mode of use



Connect USB cable to device and USB port of your PC and click on



Connect to Wifi your device as indicated in the point n. 4 of this manual and click on



- 1) Take picture
- 2) Take/Stop Video



- 1) Undo
- 2) Delete
- 3) Redo



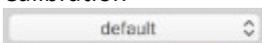
- 1) Line
- 2) Continuous line
- 3) Point to line
- 4) Radius Circle
- 5) Diameter Circle
- 6) Three Points Circle
- 7) Three Points Angle
- 8) Four Points Angle
- 9) Polygon
- 10) Add Text



- 1) Gridlines
- 2) GridCircles
- 3) Crosshair
- 4) Scale lines



- 1) Calibration



- 1) Folders Image/video

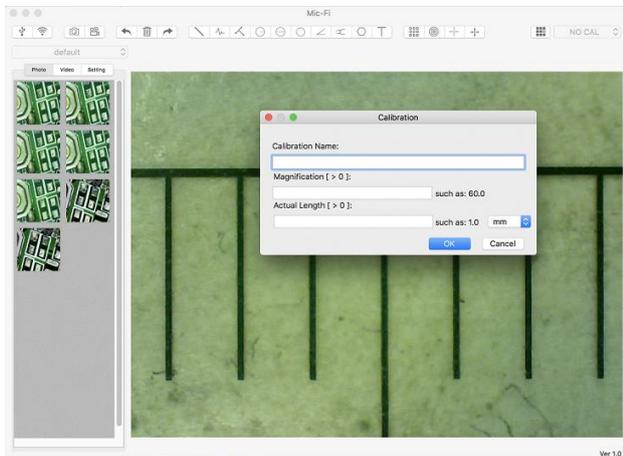
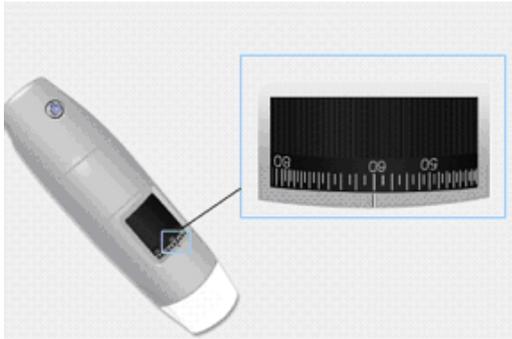
8.3 Setting



P.s. The snapshot works only in WiFi mode.

8.4 Calibration

- 1) Select a known measurement standard as the to-be-observed object, such as a ruler, to be used for calibration. Bring photo of the selected ruler into focus by turning the "Focus & Magnification adjustment wheel", determine the magnification by taking a reading from the scale on the focus dial as below:
- 2) Click on 



- 1) Fill the fields and click on OK
- 2) Drag the mouse to draw a line which has actual length.
- 3) Select the calibration from this menu 

Now the device is calibrated and you can mark measurements on the live video using the same focus. **(Please, do not adjust the "Focus & Magnification wheel!")**. If the new photo object is not in focus, please only adjust the distance between the device and the object until the image becomes clear.

9. Product Specifications

- Operation system: Windows 7/10/11 and Mac 10.7 and over /IOS/Android

Wi-Fi Spec:

- IEEE 802.11 b/g/n standards compliant
- Wireless Transmission Distance: up to 5m
- Transmit Power:
 - 11n HT40 MCS7: +13 dBm
 - 11b CCK: +18 dBm
 - 11g OFDM: +15 dBm
- Data Rate:
 - 802.11n: up to 150Mbps
 - 802.11b: 1, 2, 5, 5, 11Mbps
 - 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
- The Temperature: ≤ 60 °C (Celsius degree) with full speed running.
- Frequency Range: 2.400 ~ 2.4835GHz
- Power Consumption: Max 2.5W
- Frame Rate: 10fps~30fps
- Li-ion Battery: Continuous Working Time—Appx.2 Hours, Full Charging Time—Appx.2 Hours
- Power Source: DC5.0V/1A

Camera Spec:

- Camera Sensor: CMOS
- Optical features:
Exposure, Gamma Correction, Numerical Aperture, White Balance, Black Reference, Flicker Avoidance, Defect Identification, Color Saturation: Auto

Device Spec:

- Adjustable Magnification: According to the model
- The Object Distance: According to the model
- Focus Range: According to the model
- Light Source: According to the model
- Lens: High Definition Microscopy Lens

Wired USB Spec:

- PC interface: USB 2.0
- MiniUSB Cable:1.2m

10. Troubleshooting

10.1 Wi-Fi Mode

1. **There is no video display after changing the resolution to 1280 x 1024, but it works well at 640x480:**
 - a) Low battery, please charge your device.
2. **The device video stops after working for a long time:**
 - a) Check if low battery or the battery is exhausted.
 - b) Power off Wi-Fi device and close Mic-Fi app, then restart it again.
3. **The live video's frame rate of Wi-Fi device is slow:**
 - a) Click the  icon again on "Mic-Fi" SW when using on Window PC or Mac PC. Close and restart "Mic-Fi" app again for Smart-Phone or Tablet.
 - b) Set the video resolution to 640 x 480 if the current resolution is 1280 x 1024.
 - c) Check if low battery or there are many other Wi-Fi networks interference around.
 - d) Power off Wi-Fi device and close the SW to restart it again.
4. **There is no video display or slow video after successful Wi-Fi connection:**
 - a) Smart-Phone or Tablet: if the illumination LEDs don't light up, please power off Wi-Fi device and close "Mic-Fi" app to restart it.
 - b) Smart-Phone or Tablet: if the illumination LEDs light up, restart "Mic-Fi" app
 - c) Windows PC or Mac PC: click the  icon again on "Mic-Fi", or power off Wi-Fi device and close "Mic-Fi" to restart it.
5. **Why does the screen stop video displaying after changing the resolution?**
 - a) When changing the resolution, please wait until the illumination LED is off and lights up again before clicking OK - it takes about 5 seconds. Please restart "Mic-Fi" app.
6. **Why does the device feel rather warm after Wi-Fi device has been working for some time?**
 - a) The Power dissipation of Wi-Fi device is about 2.5W, so the highest internal temperature of the device can reach about 60°C.
7. **How long can the Wi-Fi device work for after the battery is full charged?**
 - a) It is about 2 hours at 640x480 resolution. Full charging time is also about 2 hours.
8. **Does the image freeze or does the App stop working? Problem with interference?**

Interferences with other devices may occur when other wireless sources are present such as: FM Wireless 2.4ghz analog, Wi-Fi signal, cordless phone and Bluetooth, or if you are in the vicinity of sources of electromagnetic pollution such as lines, high voltage cabins etc.

Please therefore keep the device away from these sources of interference during use.

10.2 USB Mode

1. **The USB Digital Device and the Mic-Fi software were working, but suddenly stop working properly. Please try the following:**
 - a) Unplug or Power off USB device from PC, close Mic-Fi program.
 - b) After waiting for 1 minute, plug on USB Device and open Mic-Fi program to try.
2. **After PC resume from standby or hibernate, maybe USB Mic-Fi will not work properly, please close it and re-open to try.**
1. **Everything is correctly installed, but does not work: Disconnect and reconnect the device or restart the PC and in case of problems uninstall and reinstall the SW.**

11. DISPOSAL



The crossed-out bin indicates that the product at the end of its useful life must be collected separately from other waste. The user must, therefore, give the end-of-life equipment to the appropriate electronic and electrotechnical waste sorting centres, or return it to the dealer when purchasing a new equivalent type of equipment, one by one. Adequate separate collection for the subsequent start-up of decommissioned equipment for recycling, environmentally friendly treatment and disposal helps to avoid possible adverse effects on the environment and health, and promotes the reuse and/or recycling of the equipment materials. The improper disposal of the product by the user entails the application of administrative penalties provided for by current legislation.

12. FCC STATEMENT

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 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 equipment 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

13. CE STATEMENT

Complies to the following Directives:

LVD Directive 2014/35/UE, EMC Directive 2014/30/UE, RED Directive 2014/53/UE

and complies to the following standards:

EN 60601-1:2006/A1:2013, EN 60601-1-2:2015, EN 62368-1:2014/A11:2017, EN 61000-6-2:2019, EN 61000-6-4:2017/A1, EN 61000-3-2:2019, EN 61000-3-3:2013/A1, EN 50667:2017, ETSI EN 301 489-1: 2019, ETSI EN 301 489-1: 2020

14. WARRANTY

Congratulations for purchasing our product. This product HAS BEEN MANUFACTURED TO THE HIGHEST QUALITY AND STANDARDS. Italeco guarantees this product against any defects due to materials or workmanship for a period of 2 years from the date of original purchase. To take advantage of the guarantee, you have to retain your purchase invoice. If the product show any defects within the warranty time it has to be returned to the selling agent with proof of purchase. The warranty is null and void if the damage is resulting from carelessness or misuse. No compensation will be given by Italeco and its distributors if the product is returned during the warranty period. In addition, any replacement or repair carried out during the warranty time will not prolong the duration of the guarantee.

The warranty lapses in the following cases:

- The product has been tampered
- The product has been damaged or has been misused
- The product has been opened or repaired by unauthorised personnel
- The product has been damaged due to non compliance with the instructions in the booklet

Products considered to be defective should be returned only to the dealer from which it was purchased accompanied by the invoice.

The product will be repaired or replaced, under our sole discretion.

ITALECO SRL

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