

## DUAL VIEW WIFI BORESCOPE

### User Manual

### Welcome

Thank you for purchasing the WiFi Borescope. Please carefully read all instructions prior to use.

### General Safety Information

**WARNING!** Please read all instructions before using this product. Failure to do so may result in electric shock, fire or serious personal injury. Do not throw away these instructions. Retain them for future reference.

#### Additional Warnings:

- **Do not attempt to open the unit.** moisture of any kind can lead to internal damage and lead to product malfunction or failure to operate.
- **This unit is not shock-resistant.** Do not use this item as a hammer and avoid any heavy impact such as dropping the unit or hitting it.
- **Only the camera and cable portions are water resistant.** The transmitter housing is not a sealed unit, Do not submerge it in water.
- **Stop usage if condensation forms in the camera.** Allow the water to evaporate before using the unit.
- **Always store unit properly when not in use.** Turn off the unit and store in a dry place when not using the WiFi Borescope.
- **Dispose of the batteries properly.** Do not throw the batteries in the trash. Always dispose of all batteries properly.
- **The camera portion may get hot.** This is normal, especially when the LED is on the brightest setting. It will not negatively affect usage or the life of the unit.
- **WiFi range is approximately 30 feet.** Obstacles or other strong WiFi signals may affect the range. Keep the phone/tablet as close to the unit as possible.

• **Partially IP67 rated water resistant.** Only the camera and cable are IP67 rated, making the unit capable of underwater inspections no deeper than 3 feet, Submersion can be for no more than 5 minutes Failure to follow these guidelines may cause damage to the camera.

• **LED will illuminate red while charging.** The LED will be green when fully charged.

### Features

The WiFi Borescope uses a high-resolution camera with six LED lights to give you views you have never had. Whether an area difficult to reach or needing an internal perspective, the WiFi Borescope gives you the ability to see where you need it most.

The IP67 water resistant rating of the camera and cable even allow you in areas where fluids are present.

Capable of real time viewing, video recording, and screen capture.

### Specifications

Camera	Image Sensor	CMOS
	Camera Resolution	1280*720
	Horizontal view angle	80°
	Front Lens Focus length	3cm-8cm(1.18-3.15inch)
	Side Lens Focus Length	2cm-5cm(0.79-1.97inch)
	Diameter	5.0mm
	Working Voltage	DC 5V
	Battery Capacity	1800mAh
	WiFi Transmission Distance	10 meters(without any obstacles)
	Waterproof Grade	IP67(for len/tube only)
Zoom in and out	3 modes of enlarged and narrow	

### Operation

Instruction: the client-side can only support Andriod and IOS systems.

Version Requirement: Support Android 2.3 and higher,IOS6.0 and

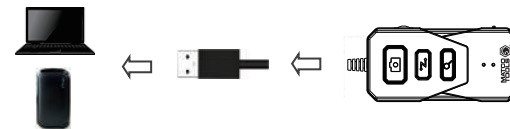
higher(Note:IOS 8.0 lower system can not record videos).

Factory Default WiFi SSID: MDDUALSCOPE2

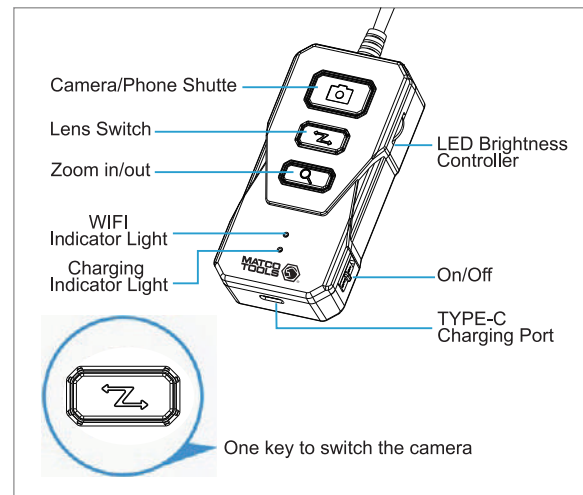
Factory Default Password:12345678

### Charging the WiFi Borescope

1.Using the USB cable included, the device can be charged using a computer, power bank, or other USB outlet.



### Device Controls



For more language versions of the manual, please can the QR code below to view/download.

## Setup instructions

1. Search for "Mo-View" app in the Apple or Google Play Store, or scan the QR code to download and install the app.



2. Turn on the WiFi Borescope. The blue signal LED will illuminate.
3. Connecting the WiFi Borescope to your phone:
  - (A) Turn on your phone/tablet. Then open "Setting" icon.
  - (B) Select WLAN/Wi-Fi to and connect the default WiFi from the WiFi Borescope [MDDUALSCOPE2] by entering the password 12345678 and click "join" to connect.
  - (C) When the connection is complete, the blue WiFi indicator will remain steadily lit. If it does not, the connection failed. If connection has failed, make sure you are in close proximity of the transmitter and if the unit has power. The unit may need charged. Try to reconnect the WiFi Borescope by completing (B) and (C).

Note: WiFi Borescope will not connect to Bluetooth



- (D) After the connection is complete, open the "Mo-View" app on your smartphone. You are now ready to use the WiFi Borescope.



## How to Use the "Mo-View" App

### App Functions introduction



- ① Screen Capture: Take a snapshot of real-time view
- ② Video: Press to record video
- ③ Album: Browse stored pictures and video
- ④ On-screen: Original / Fullscreen Toggle
- ⑤ Settings: Set SSID name, WiFi password, and resolution

### Changing the Password (read notes first)

Note 1: It is recommended you do not change the password. This may lead to connectivity issues with the unit. Change only if necessary.

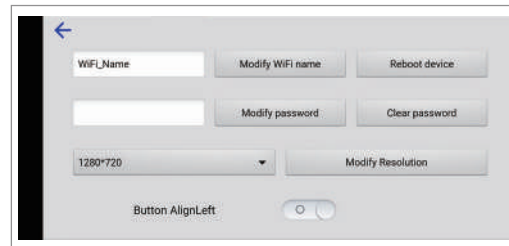
Note 2: The new password must be eight characters, made up of only numbers and letters. Do not use special characters such as "\*" or " "

Note 3: You must restart the device after the password change.

1. Press the "Setting" icon in "Mo-View" app and type new password (Confirm new password meets the criteria).
2. Then choose "Modify WiFi name" or "Modify password" to finish the process.

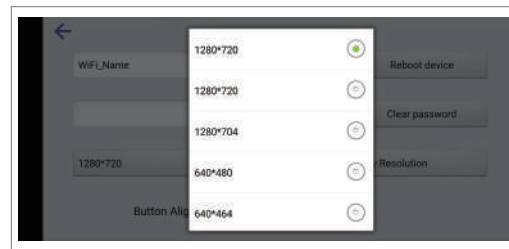
### (Changing the Password continued)

#### Screen View



### Changing Resolution

1. First, press "Setting" icon on the main menu and choose resolution.
2. Press "Modify Resolution" to complete the change.



### Capture Photo, Record Video, Browse Photo and Video

1. Press for screen capture.
2. Press to start recording video and choose again to stop recording.
3. Press to review stored images and recorded video. (Note: Photos and video may be stored on your device's gallery if you allow the app Mo-View to have access to your device.)

## Accessories

1. Two accessories are included with the WiFi Borescope: hook and Magnet. Each can be used as shown below.



## Troubleshooting

### What can i do if i have any of the following issues: no image/failed connection/image freezing?

1. Confirm the correct password was used.
2. Check to be sure the unit has been fully charged. Low charge levels can cause connectivity issues.
3. Try to restart the device and reconnect to your phone or tablet.
4. Exit then re-enter the Mo-View App main menu.
5. Confirm the distance between the WiFi Borescope transmitter and your phone or tablet are within 30 feet of each other, without obstacles between the two.
6. See if there are stronger WiFi signals that could be overpowering the transmitter of the WiFi Borescope.
7. Be sure nothing is closer than 1/4 to 3/8 of an inch to the camera lens.

#### FCC Caution:

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.

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

NOTE: 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

#### Specific Absorption Rate (SAR) information:

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: This device has also been tested against this SAR limit.

This device was tested for typical body-worn operations with the back of the This device kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain an 0mm separation distance between the user's body and the back of This device. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.