

## DUAL VIEW WIFI BORESCOPE

1080HD

6LED LIGHTING

IP67

WiFi



CE FC RoHS

MADE IN CHINA

### 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	Model	AW685
	Image Sensor	CMOS
	Camera Resolution	1920*1080,1280*720,640*480
	Horizontal view angle	68°
	Front Lens Focus Length	3cm-15cm(1.18-5.9inch)
	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 lens/tube only)
	Zoom in and out	3 modes of enlarged and narrow

### Operation

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

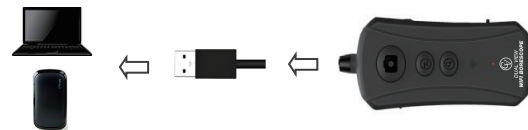
**Version Requirement:** Support Android 2.3 and higher,IOS6.0 and higher(Note:IOS 8.0 lower system can not record videos).

**Factory Default WiFi SSID:** Jetion\_\*\*\*\*\*

**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.

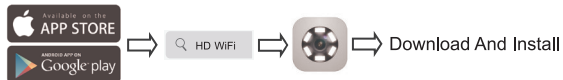


### Device Controls



## Setup Instructions

1. Search for "HD WiFi" app in the Apple or Google Play Store.



2. Turn on the WiFi Borescope. Both the red power LED and 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 [Jetion\_\*\*\*\*\*] by entering the password 12345678 and click "join" to connect.

(C) When the connection is complete, the blue WiFi signal will blink. 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 to be 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 "HD WiFi" app on your smartphone. You are now ready to use the WiFi Borescope.



## How to Use the "HD WiFi" App

### App Functions Introduction



- ① ⚙️ Settings: Set SSID name, WiFi password, and resolution
- ② 📷 Screen Capture: Take a snapshot of real-time view
- ③ 🎥 Video: Press to record video
- ④ 🖼️ Album: Browse stored pictures and video
- ⑤ 🔄 Picture Rotate: Rotates camera view

### 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.

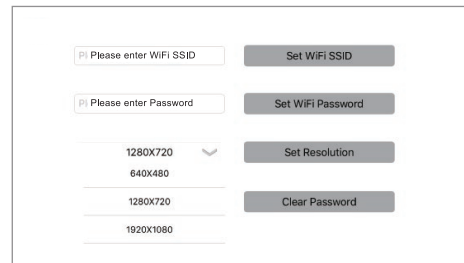
**Note 2:** The new password must be eight characters, made up of only numbers and letters. Do not use special characters such as "\*" or "\_".

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

1. Press the "Setting" icon ⚙️ in "HD WiFi" app and type new password (Confirm new password meets the criteria).
2. Then choose "Set WiFi SSID"  or "Set Password"  to finish the process.

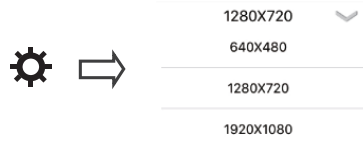
(Changing the Password continued)

### Screen View



### Changing Resolution

1. First, press "Setting" icon on the main menu and choose resolution.
2. Press "Set 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 HD WiFi to have access to your device.)

## Accessories

1. Two accessories are included with the WiFi Borescope: hook and mirror. 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 HD WiFi 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.

## 1-Year Limited Warranty Information

For warranty replacement, contact customer service at 1-800-537-1077. DO NOT SHIP UNTIL YOU RECEIVE A RETURN MERCHANDISE AUTHORIZATION (RMA) number from customer service at Horizon Tool, Inc.

**Customer Service Contact:**  
Horizon Tool, Inc.  
Tel: 1-800-537-1077  
Fax: 1-800-537-1717  
Email: info@calvantools.net