

## General Safety Information

**WARNING!** Read all safety warnings and sections of instruction manual prior to use. Failure to follow the instructions and warnings listed in this manual may result in electric shock, fire, and/or damage to the camera and/or serious personal injury or death. Remove battery compartment and insert four (4) AA batteries (not included) into holder, noting proper battery polarity as marked by battery holder

- Camera body is not waterproof. Do not submerge camera body in any type of liquid.
- Avoid probing near live circuits.
- Do not probe moving machinery that could catch camera tube or attachments. This could cause harm or damage to the camera or the user.
- Camera is not intended for use on people or animals. Camera is not intended for medical or personal inspections.
- Keep steady footing and do not over-reach. Keep proper footing and balance at all times.
- Use proper personal protective equipment. Always wear safety glasses or other form of eye protection.
- Visually inspect camera tube for any damage prior to use. If camera tube is damaged, do not use camera.
- Do not disassemble camera. There are no user serviceable components inside.
- Do not use where the camera may come in contact with hazardous or corrosive chemicals, gasoline, alcohol, or other flammable/explosive liquid, gases, or dust.
- Do not use if condensation forms on inside of camera lens. Allow condensation to dry before using camera.
- Do not bend camera snake in less than a 5" diameter.
- Supports iOS™ versions 4.3 and later versions
- Supports Android™ 2.2 and later versions

## Welcome

Congratulations on your purchase of the Gardner Bender® Wireless Inspection Camera. Please read through this user manual carefully before using the camera. This product is designed as a remote inspection tool that utilizes Wifi transmission to communicate with devices using Apple iOS™ and Android™ operating systems. This camera is capable of recording video and taking pictures while surveying pipes, looking behind walls, automotive repair, or any other hard to reach location. The uses are endless!

## Features

- Wifi signal transmission, supports devices using iOS™ and Android™ operating systems
- Mini 9mm water-resistant camera with 3 ft. flexible camera tube
- Camera tube manufactured and tested to IP67 waterproof standard
- Video recording and photo capture capability
- Lens mounted LEDs with adjustable brightness
- 3 useful accessories included: Hook, mirror, and magnet

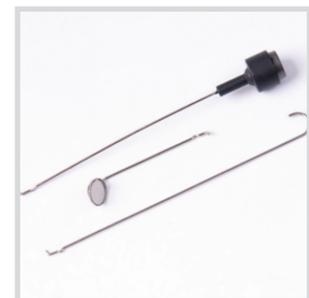
## Packing List



Handle x 1

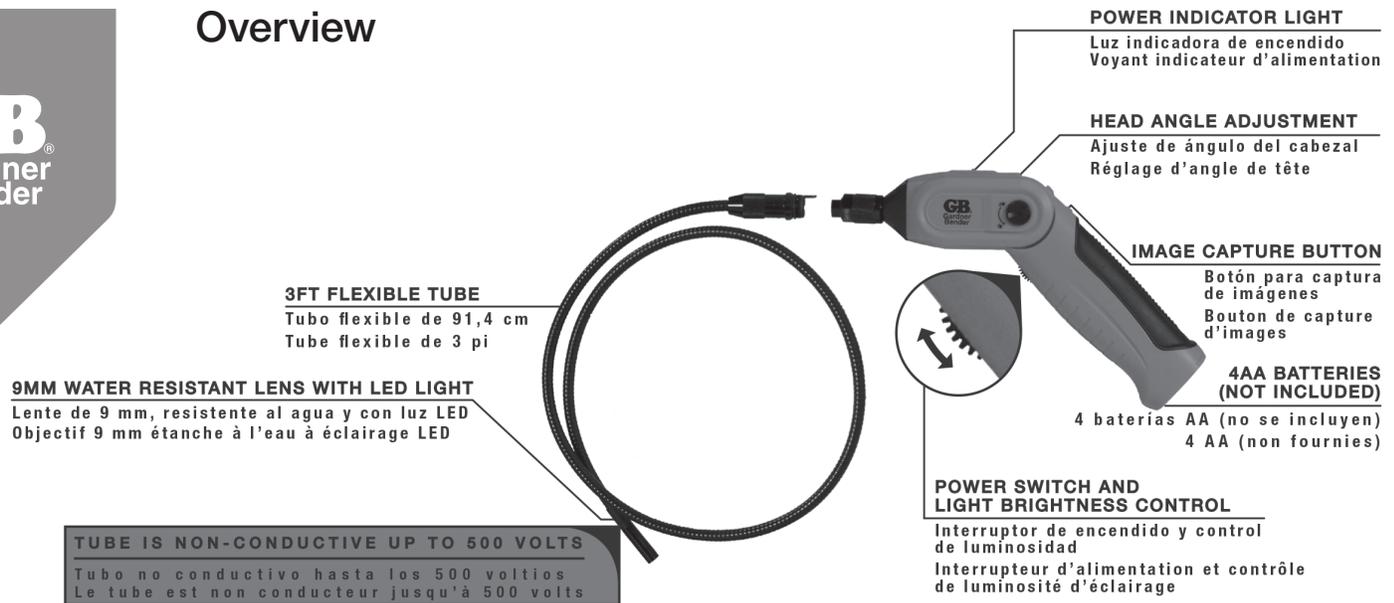


Flexible Tube with Lens x 1



Accessories x 1

## Overview



## Battery Installation and Assembly

### To Install Batteries

1. Remove battery cover from bottom of camera handle
2. Remove battery compartment and insert four (4) AA (not included) batteries into their appropriate slots, with proper polarity. Battery compartment has diagrams showing the correct placement of the battery in each location.
3. Re-install battery cover

### To Attach Flexible Camera Tube to Camera Handle

To connect the flexible camera tube with the control handle, first align the keyed tab on the camera tube connector with the slot on the connector for the camera handle. Slide the connectors together and begin twisting the threaded collar to secure the camera tube to the handle. **FINGER TIGHTEN ONLY!**- Do not tighten with excessive force or tools. Damage to the connectors could result from excessive torque applied to the threaded collar.

### To Install Accessories

The three (3) included accessories (mirror, hook, and magnet) are all attached to the camera in the same way.

- Insert hook in hole
- Slide rubber retaining collar on end of camera tube lens

### Basic Operation

1. As you roll the Power/Brightness control wheel to turn the camera on, there should be a click and the Power LED will illuminate. Once on, the wheel can be turned to increase or decrease the intensity of the LEDs at the end of the camera tube.
2. When in use, the tube should be able to easily be maneuvered into any necessary position. The flexibility of the tube allows for bending at most angles to see areas not normally seen by normal visual inspection. **DO NOT USE EXCESSIVE FORCE WHILE ADJUSTING TUBE SHAPE. DO NOT COIL CAMERA TUBE IN CIRCLE SMALLER THAN A 5" RADIUS. DAMAGE TO THE CAMERA TUBE MAY RESULT FROM EXCESSIVE FORCE OR TIGHT WINDING.**
3. The accessories included with the GB® Wireless Inspection Camera can be used for retrieval of small objects.
4. The upper section of the camera handle can be rotated. To unlock, press and rotate button in direction indicated on the camera. To lock handle in current position, turn button in opposite direction. **TO AVOID RISK OF INJURY, DO NOT USE SHARP OBJECTS TO TURN BUTTON. DAMAGE OR HARM COULD RESULT TO THE CAMERA OR USER.**



5. To view the camera's point of view, open the Gardner Bender Wifi Camera application on your device.

**NOTE:**

Camera is on and working properly when green LED is visible on camera handle. If the LED turns red, the battery voltage is low and the batteries need to be replaced.

If you forget the SSID and password for the camera, you can reset the camera by pressing the RESET button located just above the Power Indicator LED.

If you are having issues with your device finding the wifi signal from the camera, try turning wifi off on your device, turn on the camera, then turn wifi on again in your device. This should refresh the list of available networks in your area.

## Installation of App- iOS™

To install the Gardner Bender Wifi Camera software on your Apple iOS™ device you will need to do the following:

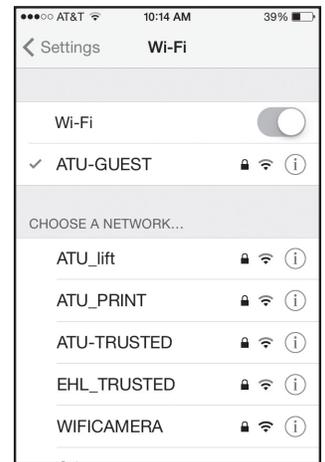
1. Open the App Store™ application and search for “Gardner Bender.”
2. Select the Gardner Bender Wifi Tool application.
3. Press **INSTALL**. The software should begin to download to your device.
4. After the installation is complete, the Wifi Tool icon will appear on your home screen.



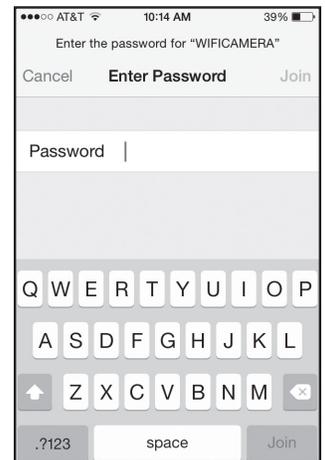
App Icon

## Wifi Connection- iOS™

1. Open the Settings app on your device and select the WIFI category.
2. Select **WIFICAMERA** from the list of available wifi networks.

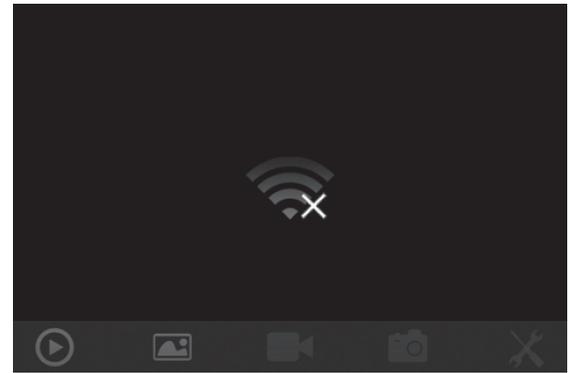


3. Connect to the network with the default password **88888888**.



**NOTE:** If the connection between the device and camera is lost, turn the camera off and then back on to reset the connection. Repeat Wifi Connection process.

If the device and camera successfully connect, when you open the Wifi Tool app, the image seen by the camera should be displayed on your device. If there is a problem with the Wifi connection, the screen will look like the screen below:



**NOTE:** This screen can also be displayed if a Wifi signal interruption occurs. In this case, exit the application and re-check Wifi connection to tool.

## Installation of Android™ App

To install the gardner Bender Wifi Camera software on your Android™ device you will need to do the following:

1. Open the Google Play Store™ application on your device and search for “gardnerbender.”
2. Select the Gardner Bender Wifi Tool app.
3. Press **INSTALL**. The software should begin to download to your device.
4. After the installation is complete, the Wifi Tool icon will appear on your home screen.

## Wifi Connection- Android™

1. Open the Settings folder on your device and select the Wifi category.
2. Select WIFICAMERA from the list of available wifi networks.
3. Connect to the WIFICAMERA network using the default password **88888888**.



**NOTE:** If the connection between the device and camera is lost, turn the camera off and then back on to reset the connection. Repeat Wifi Connection process.

If the device and camera successfully connect, when you open the Wifi Tool app, the image seen by the camera should be displayed on your device. If there is a problem with the Wifi connection, the screen will look like the screen below:

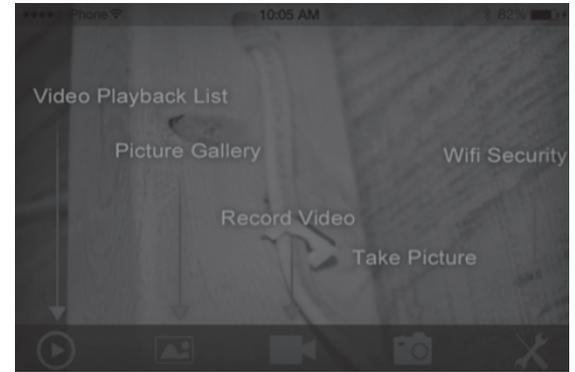


**NOTE:** This screen can also be displayed if a wifi signal interruption occurs. In this case, exit the application and re-check wifi connection with tool.

When the device successfully connects with the camera a home screen with the image being seen by the camera will be displayed on your device.

## Using the Camera-iOS™

1. Once a wifi connection is made between the camera and user device and the Wifi Tool app is open, you should have an image of what the camera is seeing on your display. (see image)



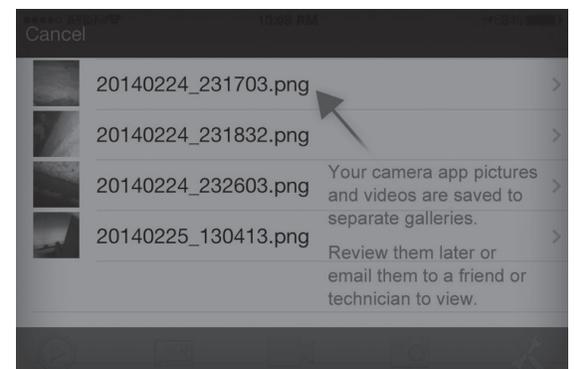
2. To record video, press the icon to begin recording.
3. To take a picture, either press the or press the snapshot button located on the camera handle.
4. To change the SSID and password for the camera, select the icon. (see Image)



**NOTE:** After changing SSID and password you will need to go back into your wifi settings and “forget” the WIFICAMERA network and reconnect otherwise you will receive login errors.

## View Recorded Video or Photos

1. Select VIDEO PLAYBACK icon or PICTURE GALLERY (see image)
2. Select file to view.

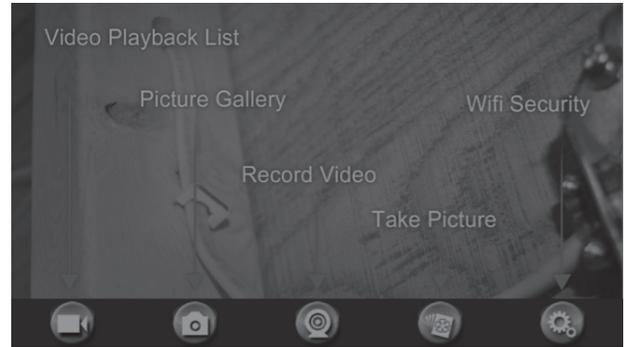


3. Once an image or video has been selected, press the Share icon in the upper right corner to e-mail video or image.

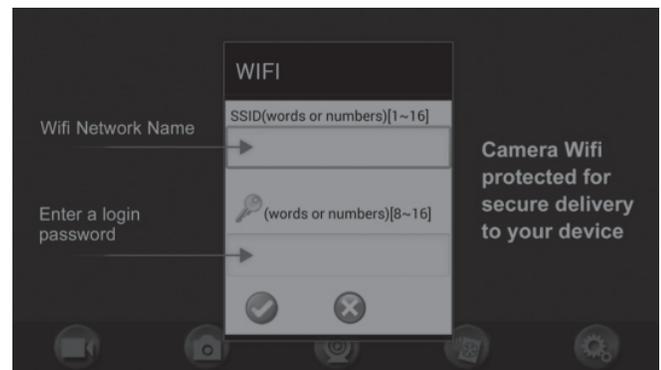
**NOTE:** Device must NOT be connected to camera to e-mail videos or files. If device is still connected to camera, user will receive error message while attempting to send e-mail.

## Using the Camera- Android™

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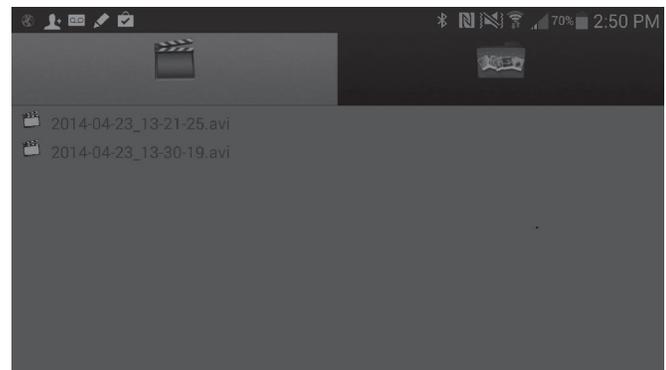
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