



## Wi-Fi Kit Owner's Manual



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For additional information and assistance

# IMPORTANT SAFETY INSTRUCTIONS

When using electrical equipment, basic safety precautions should always be followed, including:

## READ AND FOLLOW ALL INSTRUCTIONS

**WARNING:** Read all instructions and requirements before installation. If necessary, contact a trained, approved technician.

**WARNING:** Use only appropriate power adapter and cables as described in this manual. **Inappropriate cables and adapters may not work with your PoolScout camera and may cause damage.**

**WARNING:** Disconnect power before servicing. There are no user serviceable parts inside the camera or alarm.

**WARNING:** All power cords should be inspected frequently. Any damaged power cords must be replaced immediately to reduce the risk of electric shock.

**WARNING:** Install in accordance with local building and installation codes.

**WARNING:** Mount camera and alarm in a safe area not subject to damage by moving objects.

**WARNING:** Keep camera and components out of reach of children and pets.

**WARNING:** PoolScout is not a substitute for constant pool supervision by a responsible adult. The PoolScout System, including any sensors, cameras, software, and alarms are NOT a substitute for personal, adult supervision of pool activities and pool patrons, or the pool safety measures required by the Virginia Graeme Baker Pool & Spa Safety Act.

**WARNING:** When you place the PoolScout System in "Shut Down" mode or "Disarm", the PoolScout System will NOT operate to accomplish the Purpose; and all its pool safety functionality will be disabled and it will NOT work to detect or warn you of any hazardous conditions associated with your Pool or any Pool Patron.

Model	Input	Power
PS-Wi-Fi V1.0	120/240V	DC 12.0V-1A, <12W

SAVE THESE INSTRUCTIONS



## Before You Begin

### What's Included



PoolScout  
Wi-Fi Camera



Wi-Fi Alarm Unit



Power Adapter



Ethernet Cable



16ft Power Extension Cable



User Guide



Waterproof Lid



Mounting Hole Template



Screws



## Initialize PoolScout Camera and App

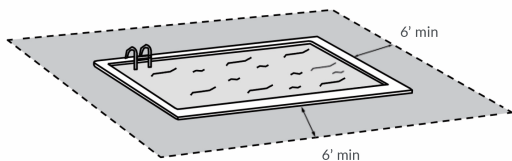
- Using the pool owner's phone or other mobile device, install the PoolScout app from the App Store® or Google Play®.
- Note that this step does not have to be conducted by the final mounting point of the camera but is recommended so as to ensure your Wi-Fi connection is strong and stable.
- **Step 1** - Follow the app instructions to setup the user account. If you are an installer, please select Installer Mode.
- **Step 2** - Connect the antenna to the camera unit and power up the PoolScout Wi-Fi camera with the power cable. You should hear a loud initialization tone after 10-30 seconds.
- **Step 3** - Open up the PoolScout App and follow the instructions to setup your account (if you haven't already done so in Step 1). If you are an installer, please select Installer Mode. Follow the camera pairing steps

Once the initialization is complete, proceed to mounting the camera per the instructions inside the App and in the next chapter Camera Mounting.

## Camera Mounting

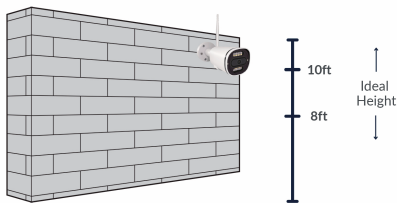
Before installation, give thought to a suitable mounting location and how you will route wiring back to the power socket and home network router if you want to use the Ethernet network cable instead of Wi-Fi. The camera is typically mounted on an outside wall with power to the Camera.

The ideal mounting height for the PoolScout Wi-Fi Camera is 8-10 feet off the ground. The final mounting location should allow for a clear view of the entire pool and surrounding area at all times. Do not allow anything such as sunshades, basketball hoops or other poolside objects to block the camera's view, even temporarily.



The ideal mounting location:

- should provide an unobstructed view of the pool and at least **6 feet** of the surrounding area
- should be **8-10 feet** off the ground
- shouldn't interfere with its surroundings or be vulnerable to damage
- Allow for power cable routing



## Camera Mounting

### Installation Tips

- **Ensure the camera mounting position is well in range of your home router as PoolScout requires a strong and stable internet connection at all times**
- Do not face the camera towards any light sources.
- Do not point the camera towards a glass window as it may result in poor image performance due to window glare by infrared LEDs, ambient lights or status lights.
- Do not place the camera in a shaded area and point it towards a well-lit area. Or, it may result in poor image performance. For better image quality, please make sure that the lighting condition for both the camera and the capture area is the same.
- For better image quality, it's recommended to clean the lens with a soft cloth from time to time.
- Make sure the power ports are not exposed to water or moisture or blocked by dirt or other elements.
- Do not install the camera at places where rain and snow may hit the lens directly.
- The camera may work in extreme cold conditions as low as  $-25^{\circ}\text{C}$ .

## Wi-Fi Alarm Mounting

- **Ensure the alarm unit position is well in range of your home router as PoolScout requires a strong and stable internet connection at all times**
- Pair the alarm unit using the PoolScout App and follow the instructions inside the App
- Make sure the power ports are not exposed to water or moisture or blocked by dirt or other elements.



# Initialize Pool Settings and Alarm Unit

## Step 1

Ensure that the PoolScout Camera is initialized as shown on page 3 and that all components are connected as shown in the mounting diagram page 4-5.

- It may take a few minutes for the camera to connect and apply any available updates.

## Step 2

Follow the instructions **in the PoolScout App** to set up the pool, allowing the system to detect the pool boundaries and enable the Activity Zone.

- To avoid unnecessary alarms from unwanted areas, it is crucial to properly set up the Activity Zone.

## Step 3

Follow the instructions **in the PoolScout App** to setup the **Alarm Unit**. A slow blue flashing light indicates the Alarm Unit is ready for pairing.

- Make sure the Alarm unit is plugged in within Wi-Fi range.
  - Make sure the Alarm's light is slowly flashing blue. If not, press and hold both of the Alarm's volume buttons for 5 secs. If flashing quickly retry until a slow blue flashing light
  - Find and connect to Alarm
  - Enable and pair Alarm
- To complete the account setup, the app will guide you through the steps for the Pool Setup and adding People to your PoolScout account.
  - Enjoy your pool with the added level of comfort and security that your PoolScout Home system provides!
  - **Reminder:** The PoolScout System, including any sensors, cameras, software, and alarms are NOT a substitute for personal, adult supervision of pool activities and pool patrons.



## Troubleshooting

### No Power to the Camera or Alarm Unit

If you find your camera is not powering on, try the following solutions:

- Please check whether the outlet is working properly or not. Try to plug the camera into a different outlet and see if it works.
- Please check whether the DC adapter is working or not. If you have another 12V DC power adapter which is working, please use another power adapter and see if it works.

## Specifications

### Hardware Features

IR Distance: 30 meters (100ft)

Day/Night Mode: Auto switchover

### General

Operating Temperature: -10°C to 55°C (14°F to 131°F)

Operating Humidity: 10%-90%

Weather Resistance: IP66 certified weatherproof



PoolScout

# Notification of Compliance

## FCC Compliance Statement

This device complies with Part 15 of 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.

## Simplified EU Declaration of Conformity

Deep Innovations declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

## Correct Disposal of This Product

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

## Limited Warranty

This product comes with a 1-year limited warranty that is valid only if purchased from the PoolScout Official Store or a PoolScout authorized resellers.

## Terms and Privacy

Use of the product is subject to your agreement to the Terms of Service and Privacy Policy at [poolscout.co](http://poolscout.co). Keep out of the reach of children. PoolScout is not a substitute for constant adult pool supervision. The PoolScout System, including an sensors, cameras, software, and alarms, are not a substitute for personal, adult supervision of pool activities and pool patrons, or the pool safety measures required by the Virginia Graeme Baker Pool & Spa Safety Act.

## ISED Radiation Exposure Statement

This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## OPERATING FREQUENCY

(the maximum transmitted power)

2412MHz–2472MHz (19dBm)

5180 MHz–5320 MHz (18dBm)

5745 MHz–5825 MHz (18dBm)

For additional help, visit: [poolscout.co](https://poolscout.co)

[support@poolscout.co](mailto:support@poolscout.co)  
[+1 737 252 7665](tel:+17372527665)

Please scan the QR code provided for additional information and assistance.



