

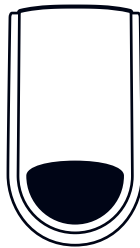
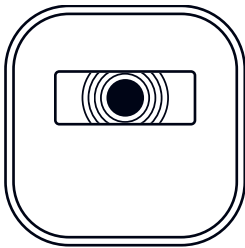


PoolScout

Powered by **Deep Innovations**

Owners Manual

V1 • July 2022



PoolScout Owners Manual

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Before you begin

Important Safety Instructions

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

WARNING: Installation must be done by 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 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.

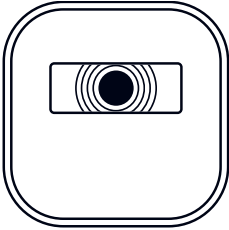
WARNING: When you place the PoolScout System in “Shut Down” mode, the PoolScout System will NOT operate to accomplish the Purpose; and all its pool safety functionality will be disabled and it will NOT work to detect or warn you of any hazardous conditions associated with your Pool or any Pool Patron.

Model	Input	Frequency	Watts
PSKIT	100-120 VAC	50/60hz	12W

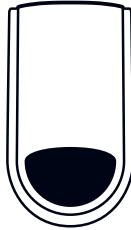
Before you begin

What's included?

Devices



PoolScout Camera



Wired Alarm

Accessories

- Power Splitter
- Junction Box
- Power Adaptor
- Alarm Cable
- Ethernet Cable (100')
- Power Cable ('100)

What's Needed

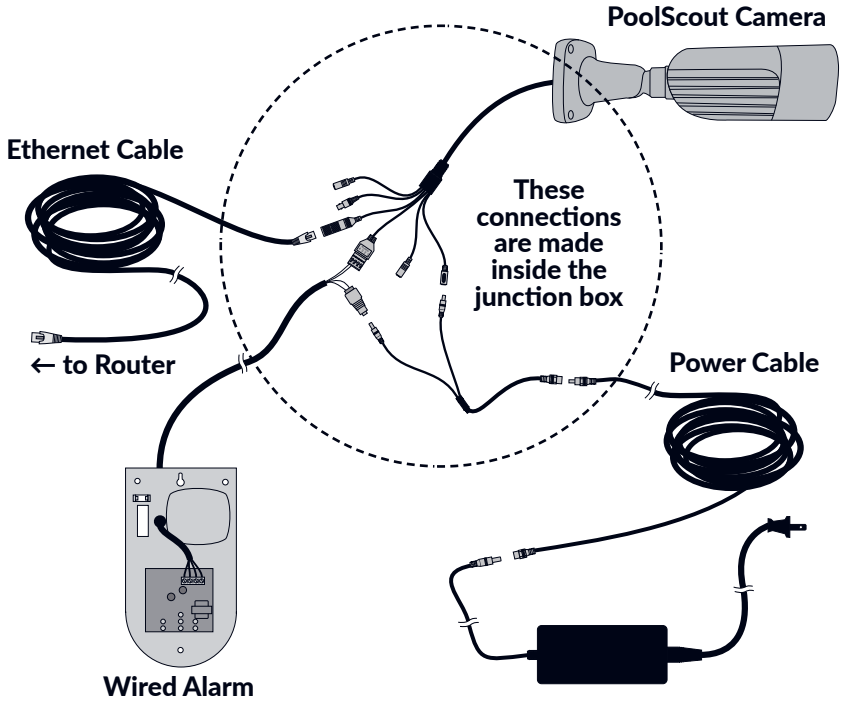
- Internet with at least 5.0 Mbps upload speed
- Available ethernet port on the home network's router
- A mobile device running the PoolScout app on at least iOS 12 or Android 6.0 (available on the AppStore and Google Play)
- Power drill and drill bits
- Phillips head screwdriver and small flat head screwdriver
- Caulk to seal Junction Box to mounting surface

Installation Requirements

- Router to be within 100 feet of mounting point.
- Camera should be placed such that the furthest point of the pool does not exceed 50ft from the camera

Before you begin

Wiring Overview



Installation

How to Install PoolScout

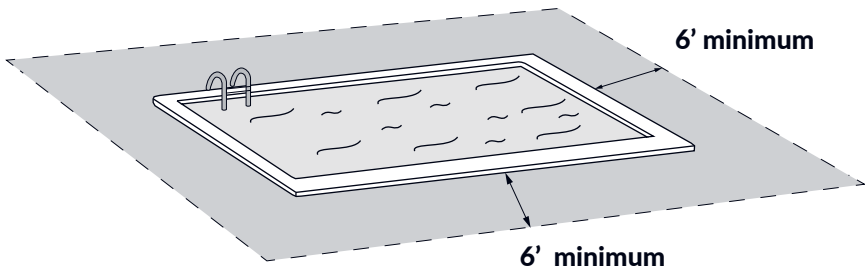
Before installation, give thought to a suitable mounting location and how you will route wiring back to the Power Adapter and the home network's router.

The Camera must be mounted on an outside wall with power and Ethernet brought to the Junction Box from indoors. The power supply will be plugged into an indoor electrical socket as shown on page 4 and 6.

The ideal mounting height for the PoolScout Camera is 7-10 feet off of the ground tilted downward. The Alarm Module must mount close enough to the camera so that the Alarm Cable will reach.

Factor in an additional length that will be routed through the back of the Alarm Module.

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 pool side objects to block the camera's view, even temporarily.



Installation

The Ideal Mounting Location

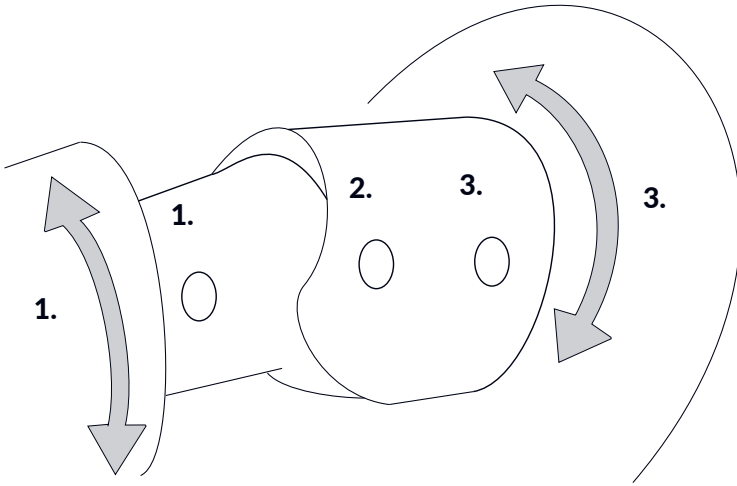
- Should provide an unobstructed view of the pool and at least 6 feet of the surrounding area
- Should be 7-10 feet off the ground
- Shouldn't interfere with its surroundings or be vulnerable to damage
- Should be accessible from the inside of the exterior wall where the PoolScout will be mounted
- Should allow for the 100 foot ethernet cable to be run from the home network's Router
- Should allow for the 100 foot power cable to be run from the power adapter
- Should allow for the alarm module to be mounted less than 3 feet away from the camera

If satisfied with the proposed mounting location, mark the spot.

Installation

Camera Adjustment

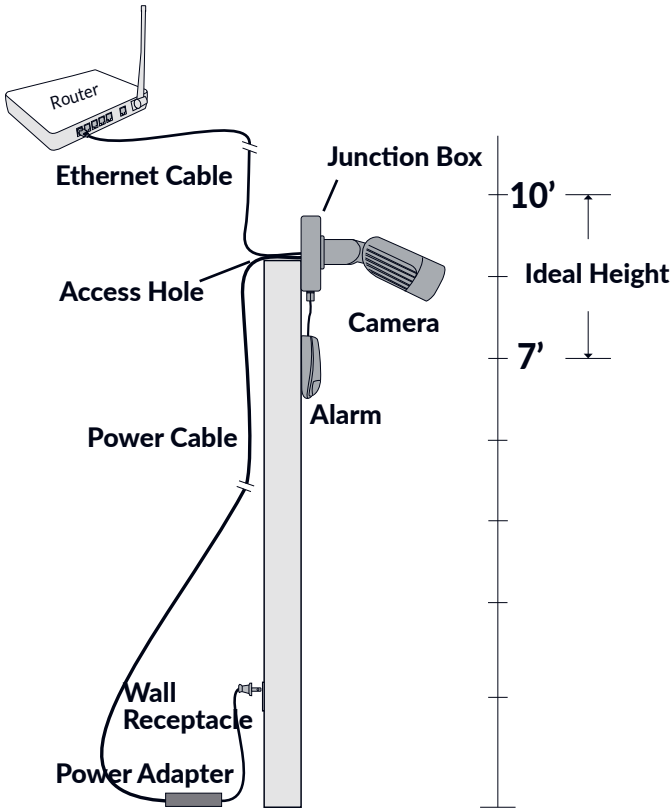
The PoolScout Camera will fasten to the supplied Junction Box and its mount has a fully articulating hinge. By loosening the locking screws, you can rotate the mount and camera as shown in the diagram below. Loosen the locking screws and roughly position the camera in its intended location



1. Camera should be rotated to align with the horizon
2. Camera to tilt downward towards pool
3. Camera should view as much of the pool and surrounding area as possible

Installation

Mounting



As shown above, an access hole may be needed to run the cables that will power and communicate with the PoolScout system. An existing outdoor opening may be considered if you can route the cables through from indoors. If not, a hole will need to be drilled.

Use a $\frac{1}{2}$ " drill bit and make sure that there are no in-wall pipes or electrical wires in the drill path. Before drilling, fit the Junction Box over the previously marked spot. Make sure that it can be centered over the hole and properly fastened to the surface. Also, plan the orientation of the exit fitting and the mounting location of the Alarm Module before drilling.

Installation

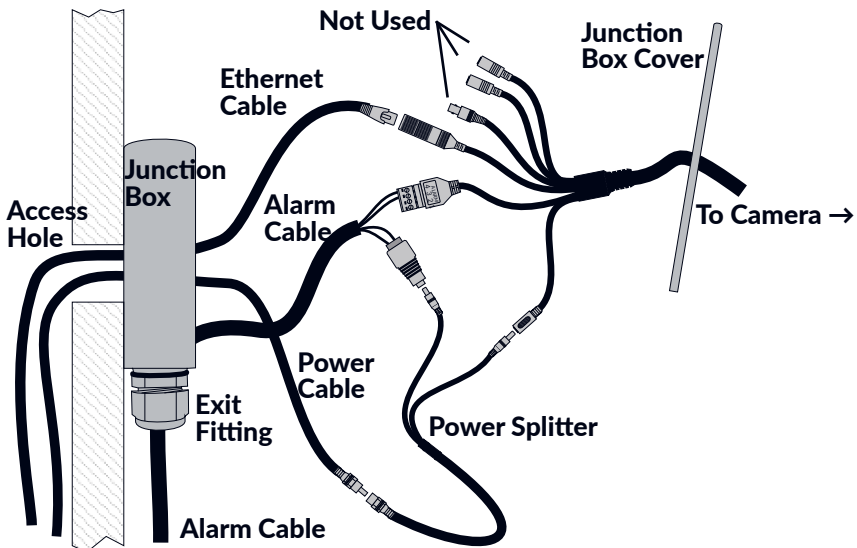
Junction Box

After drilling the access hole, remove the Junction Box cover and rear knockout. Center the box over the hole to test fit. Position the exit fitting (used for Alarm Module wiring) where desired. When satisfied, spread caulk around the outside back of the Junction Box, leaving a small space at the bottom for water to run out. Fasten the Junction Box using the included hardware. If the hardware is not suitable for the mounting surface, use appropriate hardware purchased separately.

With the cover off, test fit the Power Splitter cable inside of the Junction Box and run the 4 conductor end of the Alarm Cable out of the Junction Box exit fitting. This should give you an estimate of where the Alarm Module can be mounted (within approximately 3 feet of the camera).

Connections inside of the Junction Box

The connections shown below will be made inside of the Junction Box. Refer to the diagram and the following sections in this manual:



Installation

Ethernet Cable

Plug one end of the 100' ethernet cable into a LAN port on the home network's router.

Route the other end to the access hole and into the Junction Box.

Plug the ethernet cable into the camera's ethernet jack. Because this connection will be housed within the Junction Box, the watertight cover on the camera's ethernet jack can be removed and discarded.

You may need to coil up excess cable indoors before permanently installing at the Junction Box.

When routing is complete, secure the cable along the run using the supplied cable clips.

PoolScout Camera

The PoolScout Camera mounts to the Junction Box cover using four stainless steel fasteners into pre-drilled holes. Do not install the box cover and camera until wiring is completed.

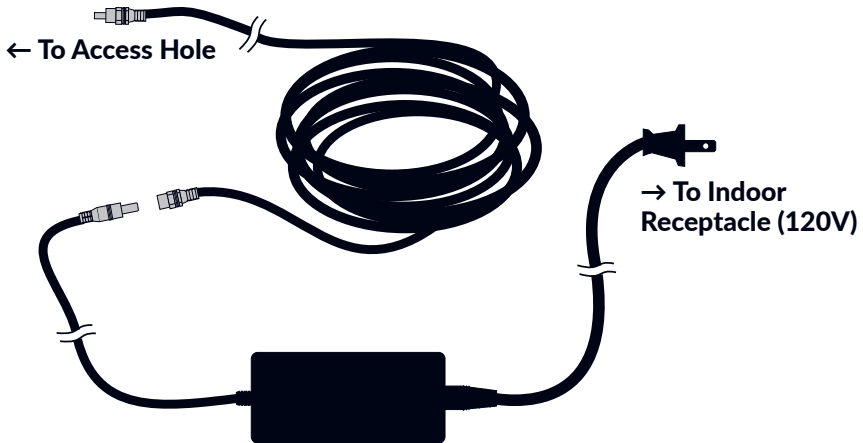
Installation

Power Cable

Plug the 100' Power Cable into the Power Adapter. Find a convenient indoor wall receptacle and position the Power Adapter in a permanent location close by (do not plug it into the receptacle until installation is complete).

Run the other end of the 100' power cable to the access hole and into the back of the Junction Box.

You may need to coil up excess cable indoors before routing to the Junction Box. When routing is complete, secure the cable along the run using the supplied cable clips.



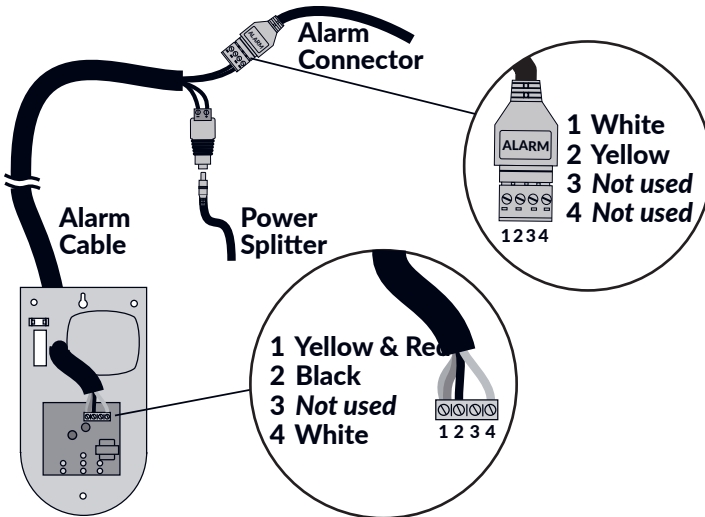
Installation

Wired Alarm

As shown below, the one side of the Power Splitter will plug into the PoolScout Alarm Cable. The Alarm Cable power connector will come prewired to the RED and BLK conductors. In addition to the power connector, there are two additional conductors (WHT and YEL) that must be wired to the

camera's alarm connector. With the cover removed, connect the 4 conductors of the Alarm Cable to the screw terminal block inside of the Alarm Module as shown below. Route the Alarm Cable from the back of the Alarm Module according to the diagram.

Carefully coil excess wire into the Junction Box and fasten the cover using the original hardware. The camera can now be mounted onto the Junction Box cover.



With the Alarm Cable connected, you can now mount the Alarm Module. Mount the alarm in the desired location. If the included hardware is not suitable for the mounting surface, use appropriate hardware purchased separately. Route the Alarm Cable in manner where it will not get pinched when the Alarm Module is fastened.

Operation

Getting Setup

1. Ensure all component parts are connected as shown in the mounting diagram on page 3. Allow a few minutes for the camera to connect and apply any available updates.
2. Using the pool owner's phone or other mobile device, install the PoolScout app from the App Store® or Google Play®.
3. Follow the app instructions to setup the user account and connect the camera to the PoolScout app.
4. When finished with the account verification, the app will guide you through the steps and prompt you to scan the QR code. Use the mobile device's camera to take a picture of the QR code found on the underside of the PoolScout camera (if the QR code on the camera is not available, the QR code can also be found on the side of the PoolScout Camera box). The PoolScout Camera will then be associated with your account.
5. To complete the account setup, the app will guide you through the steps for the Pool Setup and adding People to your PoolScout account.
6. Enjoy your pool with the added level of comfort and security that your PoolScout system provides!
7. **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.

Operation

Having Issues?

For further information or technical support,:

Email: support@poolscout.co

Call: +1 (737) 252-7665

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