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# **BC950C**

# **CBRS Battery Camera**

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## **Installation Guide**

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Document Version: 1.0

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# 1. Introduction

## Package Contents

The following items below should be included: if any of these items are damaged or missing, please contact your dealer immediately.

1. BC950C Battery Camera x 1



2. Battery Pack x 1



3. Mounting Stand x 1



4. Screw/Anchor x 3



5. USB Cable & Adaptor x 1



## 2. Setup








This section provides details on how to install and configure the Camera.

## System Requirements

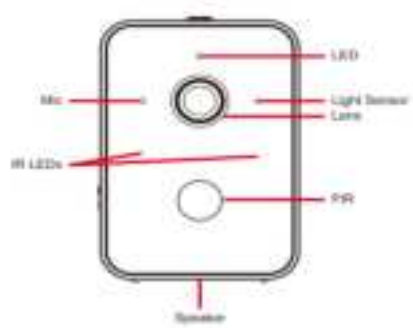
- A computer or mobile device with Internet access, and download the following App on a mobile device.

# Physical Details

## LED Light Table

Color	Status
 Solid Green	The camera is registered and connected to the network.
 Solid Green (5 sec.)	Reset pairing is failed. The camera can't access to the LTE network.
 Blinking Green/Blue	The camera is receiving a firmware upgrade.
 Blinking Red	<ul style="list-style-type: none"><li>• The camera is connecting to the network and cloud.</li><li>• The camera cannot access to the network and cloud.</li><li>• Low Battery alarm: once blinking per 2 seconds.</li></ul>
Slow Blinking Red	The SIM card is invalid.
 Fast Blinking Red	When the Reset button is pressed for 10 seconds, the LED will blink red indicating the start of the reboot/factory reset.
 Solid Blue	The camera is powering on.
 Solid Blue (1 sec.)	The PIR is triggered.

## Front Panel

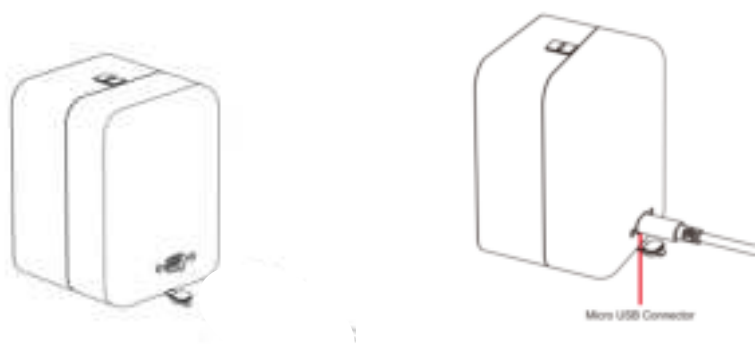


<b>Microphone</b>	The built-in microphone is bi-directional.
<b>Light Sensor</b>	The light sensor is to detect the external brightness level.
<b>Lens</b>	Ensure the lens cover is clean, .this means removing all dirt and smudges from the camera. This is crucial in order to obtain a clear image.
<b>IR LEDs</b>	The IR LED is to provide illumination at night.

**PIR Sensor**

The PIR sensor is for motion detection.

**Rear Panel**

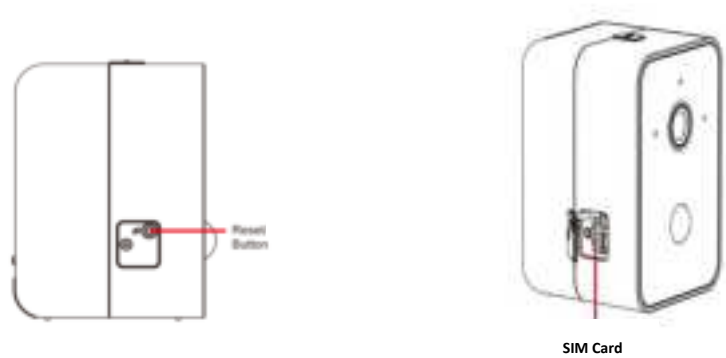


**Micro USB Connector**

Connect the Micro USB cable to the USB port.

The Micro USB cable is provided power from external devices. The connection process is as shown in the picture above. Please ensure that the screws are driven firmly into the screw holes.

**Side Panel**



**Reset**

When pressed and held for over 10 seconds, the LED will flash red, which will return the Camera to its default settings.

**SIM Card Slot**

Use a screwdriver to loosen the screw and open the lid to insert a SIM card.

**CAUTION:**

- Improper usage may lead to risk of fire and burns
- Do not open or interfere with the camera
- Keep the product away from open flames
- Caution! Battery may become hot
- Follow battery usage instructions
- Dispose of used batteries according to the instructions

## Pre-Installation



Insert the Battery Pack

Align the battery contacts then insert the battery pack into the camera.

**Note:** Fully charge the battery before first use.

**Charge Battery Pack**

Only charge the battery pack indoors with the Micro USB cable provided in the box.

**Note:**

Only use the battery within environments of **-20°C to 40°C (if AC power is connected to battery pack) or -20°C to 50°C (battery only) :**

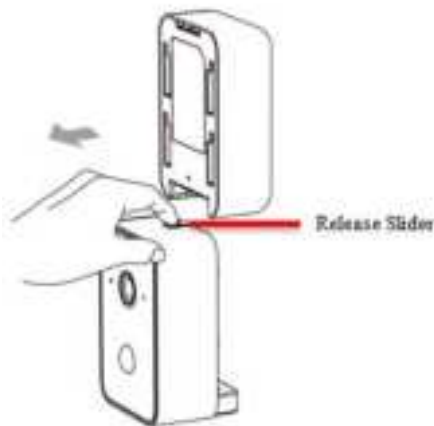
- 1. Put the battery pack into the camera.
- 2. Connect the Micro USB cable to the USB port of the camera.
- 3. Connect the Plug to the power outlet.

**LED on Battery Pack**



Color	Status
Solid Green	The charging is complete.
Solid Red	The charging is on-going.

**Remove Battery Pack**



- 1. Unclip the Release Slider.
- 2. Remove the battery pack from the camera.

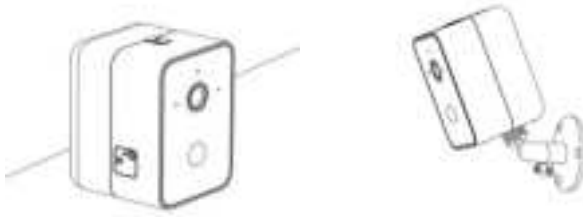
## Installation

1. Place the camera on a flat surface close to a network connection.
2. Check the LED:
  - The Power LED should be solid blue while the camera is powering on.

## Mounting Installation

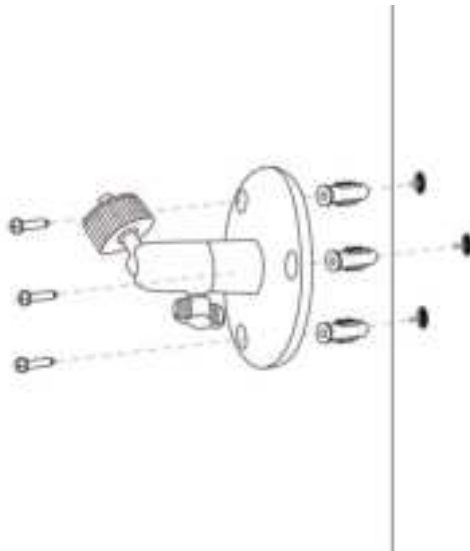
Place the camera on a flat surface or mount it on the wall or ceiling.

- Check the network signal strength is sufficient in the place where you want to locate the camera.
- Avoid placing the camera in an area that gets a lot of light directly into the camera lens.



### Wall Mounting

1. Identify the mounting location.
2. Place the mounting plate in the desired location and secure it with three screws.  
**Note:** Use the provided anchors if necessary.
3. Attach the camera onto the stand





# 3. Viewing Live Video

## Overview

This Chapter provides details of how to view live life video using App downloading from the application store on your mobile phone.

## Connect to The Mobile App

To establish a connection from the Camera to the App:

1. Start App registration. Refer to the other document in the box.
2. Enter a username and password. You will then be prompted for a username and password.
3. After connection, the following screen will be displayed. When you connect the following screen will be displayed.



**Figure 1: App Screen**

4. Click *View Video*.
5. If an Administrator has restricted access to known users, an additional username and password must be entered. If the Administrator has restricted access to known users, you will then be prompted for a username and password.  
Enter the name and password assigned to you by the Camera administrator.
6. When the camera is first connected - the app will prompt the user to install the decoders. After carefully reading the terms the user must select "I accept the terms of the license agreement" and click "OK" to continue. The first time you connect to the camera, you will be prompted to install decoders.  
**Choose "I accept the terms of the license agreement" and click "OK".**
7. Video will start playing automatically. There may be a delay of a few seconds while the video stream buffers.

# 4. Troubleshooting

## Overview

This chapter covers some common problems that users may encounter while using the Camera. A few Troubleshooting solutions are also provided. For further advice, please contact your dealer.

## Problems

<b>Problem</b>	<b>The camera is offline.</b>
<b>Solution</b>	<ol style="list-style-type: none"><li>1. Unplug the camera, remove and reinsert the battery, and check the camera LED status.</li><li>2. After the camera has turned on - check the LED status. Please check section 2 for more details. If the camera is still offline, contact your dealer for further advice.</li></ol>
<b>Problem</b>	<b>The image is blurry.</b>
<b>Solution</b>	Try cleaning the lens. Condensation can reduce picture quality when using the camera outdoors or in a wet indoor area. If your camera's picture quality is affected by condensation, the best solution is to purchase a camera cover with a built-in peak.
<b>Problem</b>	<b>When using the motion detection feature, I receive Emails which don't show any moving objects.</b>
<b>Solution</b>	<p>The motion detection feature doesn't actually detect motion. It compares camera frames to determine if they are different. Major differences between frames are assumed to be caused by moving objects.</p> <p>But the motion detector can also be triggered by:</p> <ul style="list-style-type: none"><li>• Sudden changes in environmental light levels.</li><li>• Environmental factors moving the camera.</li></ul> <p>The motion detection feature works best in locations where there is good and steady illumination, and the camera is mounted securely.</p>

# Appendix A Specifications

## Regulatory Approvals

### FCC Statement

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 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.

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

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.

### FCC Radiation Exposure Statement:

This equipment complies with FCC 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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.