



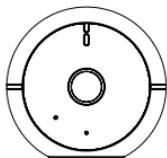
# BLACKLOUD™ I.C.E

Intelligent  
Camera  
Evolution

**Quick Guide**



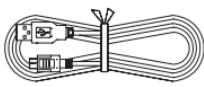
## Package Contents



I.C.E 360



Camera Stand



Power Cord



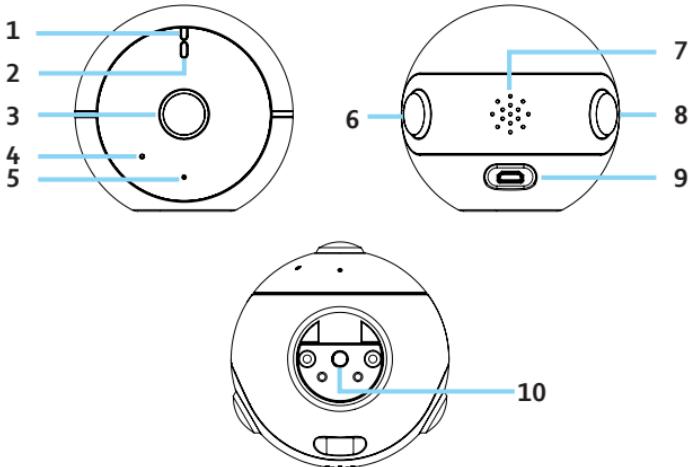
Power Adapter



This Quick Guide



# Your I.C.E



| No. | Item                    | Description                             |
|-----|-------------------------|---|
| 1   | Blue LED Indicator      | See the “LED Indicators” section below. |
| 2   | Red/Green LED Indicator | See the “LED Indicators” section below. |

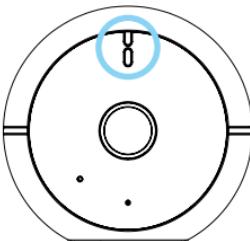


# Your I.C.E

|           |                            |  |
|-----------|----------------------------|--|
| <b>3</b>  | Front-Facing (Main) Camera | The main camera for your I.C.E 360. New video streams start broadcasting from this camera.   |
| <b>4</b>  | Reset Button               | Resets your I.C.E 360 to default factory settings. Press and hold with a small pin for 5 seconds to perform a reset.   |
| <b>5</b>  | Microphone                 | Captures and transmits audio to your mobile device.  |
| <b>6</b>  | Rear-Facing (Left) Camera  | Captures video from the rear of your I.C.E 360.  |
| <b>7</b>  | Speaker                    | Broadcasts audio from your mobile device during two-way talk.  |
| <b>8</b>  | Rear-Facing (Right) Camera | Captures video from the rear of your I.C.E 360.  |
| <b>9</b>  | Power Port                 | Provides power to your I.C.E 360 when connected to the power cable and adapter.<br><i>NOTE: The power port only provides power to your I.C.E 360. It does not transmit any data/information.</i> |
| <b>10</b> | Camera Stand Screw Hole    | Secures your I.C.E 360 to the camera stand.<br><i>NOTE: Your I.C.E 360 can be installed on any standard camera stand/tripod featuring a 1/4"-20 screw.</i>                                       |



# LED Indicators



The front of your I.C.E 360 features two LED indicators that notify you of the connection status of the camera when it is powered on. The following table describes the various statuses:

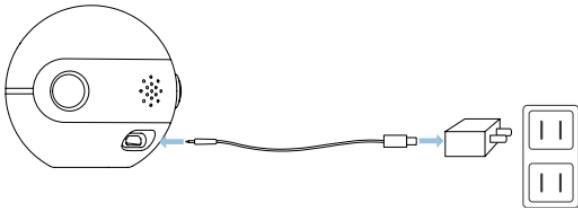
| Blue Indicator | Red/Green Indicator | Status   |
|----------------|---------------------|--|
| On             | Green LED On        | Your I.C.E 360 is booting up.  |
| Off            | Red LED On          | Your I.C.E 360 is not connected to the internet.                           |
| Off            | Red LED Blinking    | Your I.C.E 360 is configuring its settings.                                |
| On             | Off                 | Your I.C.E 360 is connected to the internet but not transmitting any data. |
| Off            | Green LED On        | Your I.C.E 360 is connected to the internet and is transmitting data.      |



# Getting Started

## Powering On Your I.C.E 360

- 1 Plug your I.C.E 360 into a power socket using the USB power cord and power adapter.



- 2 Once your I.C.E 360 is plugged into the power socket the blue and green LED indicators will light up indicating that your I.C.E 360 is booting up. If you are powering on your I.C.E 360 for the first time, this process will take about 1 minute.
- 3 Once your I.C.E 360 has finished booting up the red LED indicator will light up (indicating that your I.C.E 360 is not connected to the internet), your I.C.E 360 is now powered on and ready to be connected.



# Getting Started

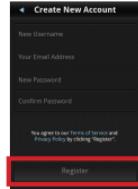
## Setting Up Your I.C.E 360

### Installing the I.C.E App

- 1 On your mobile device, download and install the I.C.E app from either the Google Play Store or the iOS App Store by searching for the keyword "BLACKLOUD".
- 2 From the I.C.E app sign in screen touch **Create New Account**.

*NOTE: If you have already created a BLACKLOUD account from a previously purchased BLACKLOUD product skip to "Connecting Your I.C.E 360".*

- 3 Enter a user name, email address, and password for your new account then touch **Register**. You will receive a verification email at the email address you entered for your account.  
*NOTE: Your password must be 8 to 15 characters long.*
- 4 Confirm your account registration from the verification email.





# Getting Started

## Connecting Your I.C.E 360

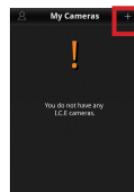
Once you have successfully installed the I.C.E app and created an account you will need to set up a connection to your I.C.E 360. To connect to your I.C.E 360:

- 1 Enable Wi-Fi on your mobile device and launch the I.C.E app.
- 2 From the I.C.E app sign in screen touch **Sign In**.
- 3 Enter your user name and password and touch **Sign In**.



- 4 From the **My Cameras** screen touch **+** at the top right corner.

*NOTE: Ensure that your I.C.E 360 is within 20 feet of your mobile device.*

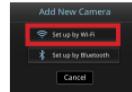




# Getting Started

- 5 Touch **Set up by Wi-Fi** in the pop-up window that appears. The I.C.E app will begin searching for your I.C.E 360.

*NOTE: For iOS devices the I.C.E app is also able to search for your I.C.E 360 via Bluetooth, for more information see "Connecting Your I.C.E 360 via Bluetooth".*



- 6 Once the I.C.E app has successfully found your I.C.E 360, the I.C.E app will enter the **Add Camera** screen to connect your I.C.E 360 to a Wi-Fi network. Ensure that your I.C.E 360 is within range of a Wi-Fi router that is connected to the internet and then from the **Add Camera** screen touch the Wi-Fi network/router you want your I.C.E 360 to connect to.

*NOTE: Swipe down to refresh/update the list of Wi-Fi networks/routers.*



- 7 [If required] Enter a password for the selected Wi-Fi network, and then touch ► at the top right corner. The I.C.E app will begin connecting your I.C.E 360 to the selected Wi-Fi network.





# Getting Started

- 8 During the connection process the red LED indicator on your I.C.E 360 will start flashing, indicating that your I.C.E 360 is configuring itself. Do not disconnect your I.C.E 360 from the power source during the configuration process.
- 9 When your I.C.E 360 has finished the configuration process the blue LED indicator will light up for a few seconds and then turn off while the green LED indicator will light up. Once the green LED indicator is lit the connection process has been completed and the I.C.E app will enter the naming screen.
- 10 Enter a name for your I.C.E 360 which will help you identify it, or touch **...** to choose from a list of preset names. Once you have created/selected a name, touch **✓** to finish the naming process.

*NOTE: It is suggested that you choose a unique name for your I.C.E 360 to help distinguish it from other I.C.E 360 cameras that may be added to the network and listed in the I.C.E app.*

Your I.C.E 360 is now connected and you are able to view live video streams.





# Getting Started

## Connecting Your I.C.E 360 via Bluetooth (For iOS Devices Only)

The I.C.E app for iOS devices allows you to connect to your I.C.E 360 via a Bluetooth connection. To connect to your I.C.E 360 via Bluetooth:

- 1 Follow the instructions described in “Installing the I.C.E App” to download, install, and register the I.C.E app on your iOS device.
- 2 Enable Bluetooth on your iOS device.  
*NOTE: For details on how to enable Bluetooth on your iOS device, please consult the user manual that came with your iOS device.*
- 3 Follow the instructions described in steps 1 – 4 of “Connecting Your I.C.E 360” to sign in and begin connecting your I.C.E 360.
- 4 Touch **Set up by Bluetooth** in the pop-up window that appears.
- 5 Follow the instructions described in steps 6 – 10 of “Connecting Your I.C.E 360” to complete the connection process.



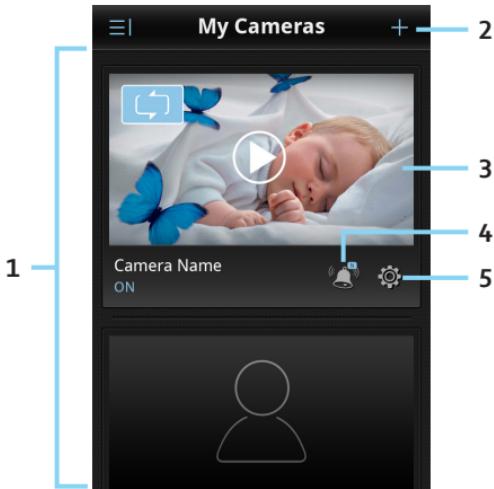


# Viewing Video Streams

Once you have successfully connected your I.C.E 360, you are able to view video streams from your I.C.E 360 directly in the I.C.E app via the My Cameras menu. Simply launch the I.C.E app on your mobile device to enter the My Cameras menu.

*NOTE: If you had previously signed out of your I.C.E app account you will be prompted to re-enter your sign in information.*

## My Cameras Menu





# Viewing Video Streams

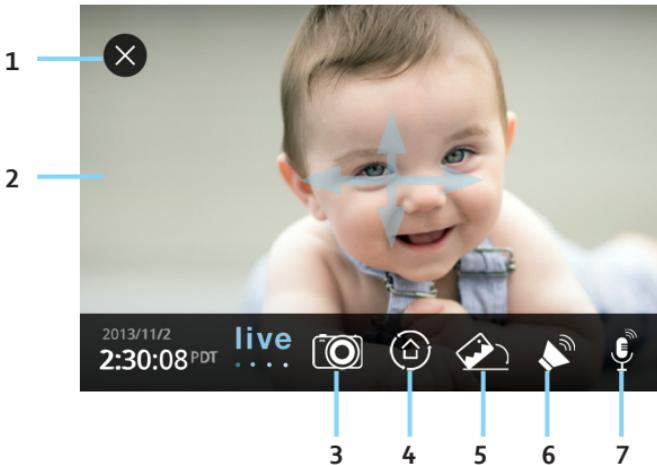
| No. | Item                 | Description  |
|-----|----------------------|--|
| 1   | Camera List          | Displays the camera(s) that are available. The number of cameras listed are based on the number of cameras that have been added via the I.C.E app.<br><i>NOTE: Swipe down on the camera list to refresh/update the list.</i> |
| 2   | Add Button           | Touch to add another I.C.E 360 camera to the camera list using the steps described in "Connecting Your I.C.E 360".   |
| 3   | Video Stream Preview | Displays a preview of the video stream. Touch to view the stream for the respective camera.  |
| 4   | Alert Button         | Touch to toggle alerts on or off (see "Settings" for more information).  |
| 5   | Settings Button      | Touch to enter the settings menu.  |



# Viewing Video Streams

## Video Streams

Once you have selected a video stream (by touching a video stream preview) you will begin viewing a live stream from that respective camera. A video stream screen will open with multiple video options described below:



| No. | Item        | Description                     |
|-----|-------------|---------------------------------|
| 1   | Exit Button | Touch to exit the video stream. |



# Viewing Video Streams

|   |                            |  |
|---|----------------------------|--|
| 2 | Camera View                | <ul style="list-style-type: none"><li>• Displays the video captured by your I.C.E 360.</li><li>• Swipe in any direction to change the viewing angle and obtain a 360-degree view of the camera's surroundings.</li></ul> |
| 3 | Image Capture Button       | <p>Touch to capture a still image from the video stream.</p> <p><i>NOTE: Captured image files will be stored in the "ICE" folder located in the photo gallery your mobile device.</i></p>                                |
| 4 | Reset Viewing Angle Button | Touch to return the camera view to the original front-facing camera viewing angle.   |
| 5 | Level Viewing Angle Button | Touch to adjust the camera view so that the viewing angle is level.  |
| 6 | Mute Button                | Touch to mute/un-mute the sound from the video stream.   |
| 7 | Two-Way Talk Button        | Touch to enable/disable two-way talk. When two-way talk is enabled, anything spoken into the microphone of your mobile device will broadcast by the speaker located on your I.C.E 360.                                   |

*NOTE: To obtain a clear and unobstructed 360-degree view during the video stream it is suggested that you (1) do not place any object within a 3-foot radius of the I.C.E 360, and (2) install your I.C.E 360 on its stand. For information on how to install your I.C.E 360 on its stand see "Installing the Stand".*



# Settings

When you touch the  button for an individual camera from the My Cameras menu you will enter that camera's settings menu. From the camera's settings menu you are able to configure multiple settings for the camera:



**Camera:** Toggles the video stream from the camera on and off.

**Alert:** Allows you to control the sensitivity of the camera's motion and sound sensors, which send alerts/notifications to your mobile device.

*NOTE: To toggle alerts on or off use the Alert button in the **My Camera** menu.*



# Settings

**Change Wi-Fi:** Allows you to change the Wi-Fi network/router that the camera is connected to using the steps described in "Connecting Your I.C.E 360".

**HD Video:** Toggles the resolution of the video stream between HD resolution and standard resolution.

**3D Viewer:** Toggles the camera view from a swipe-able 360-degree view to a static panorama view.

**Rename:** Allows you to rename the camera.

**Volume:** Allows you to adjust the volume of the two-way talk speaker located on the camera.

**Microphone:** Allows you to adjust the sensitivity of the two-way talk microphone located on the camera.

**Status Light:** Toggles the LED status indicators located on the camera on or off.

**Rotate Image 180:** Rotates the video stream 180-degrees.

*NOTE: This function is only suggested for use if the camera is placed in an upside-down orientation (for example when mounted from the ceiling), which requires a rotated image for a normal view.*

**Time Zone:** Allows you to set the time zone for the camera.

**Camera Info:** Displays the info for the camera.

**Remove:** Removes the camera from the My Cameras menu.



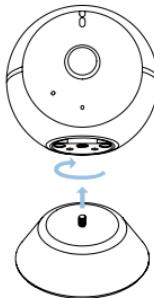
# Hardware Installation

## Installing the Stand

Because your I.C.E 360 uses wide angle lenses to capture video, it is suggested that once you begin capturing video you install your I.C.E 360 on the stand supplied with your I.C.E 360 to ensure an elevated vantage point and thus a more complete view.

To install your I.C.E 360 on the stand:

- 1 Place your I.C.E 360 on the stand ensuring that the screw hole at the bottom of your I.C.E 360 is mounted on the screw at the top of the stand.
- 2 Rotate your I.C.E 360 clockwise until it is secure on the stand.



*NOTE: Your I.C.E 360 can be installed on any standard camera stand/tripod featuring a 1/4"-20 screw.*



# Safety

- Before you begin using the device make sure you carefully read all safety notices and usage guidelines. Please preserve these safety notices and usage guidelines for future reference.
- Do not attempt to disassemble the device. To avoid coming electric shock, do not remove any screws on the device or open any compartment. The user shall not be responsible for any repairs to the device, if any repairs are needed please contact qualified service personnel.
- Do not allow the device to come into contact with water or liquids. Do not use the device in a humid or damp setting.
- If liquid enters the device, immediately shut off and remove the power supply from the device and then contact a qualified service person for repairs. Humidity can cause damage to the device which could result in electric shock.
- Do not use any cleaning agents that may damage the exterior of the device. If the exterior of the device is dirty, use a dry cloth to wipe it clean.
- If the dirt or stains on the exterior of the device is difficult to clean, use a mild cleaning agent to lightly wipe the device clean.
- Please follow all instructions and usage guidelines.
- Do not repair the device on your own, opening any compartment on the device may result in electric shock.



# Safety

## Federal Communication Commission Interference 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 or more 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.



# Safety

FCC Caution: 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.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

## **IMPORTANT NOTE:**

### **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.

Country Code selection feature to be disabled for products marketed to the US/CANADA



## More Information

For more information on your I.C.E 360 and its various capabilities please check the user manual available on the company website: [www.blackloud.com](http://www.blackloud.com)

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### **BLACKLOUD Inc.**

42 Corporate Park #250 Irvine, CA 92606 USA

888-783-0378

[customerservice@blackloud.com](mailto:customerservice@blackloud.com)

[www.blackloud.com](http://www.blackloud.com)