

Quick Installation Guide

IPCAM-WOC2 is a 1080p, full HD Wi-Fi® video camera intended for outdoor use with Resideo Total Connect® 2.0.

- Camera setup requires a Total Connect® 2.0 account and the Total Connect 2.0 mobile app. **Video Services** must be enabled in AlarmNet 360™.
- Camera operation requires minimum available bandwidth of 2.1 Mbps.

Package Contents

- A. Camera
- B. Sun shield
- C. Power cable extension [8' cable]
- D. Power adapter with 7' cable
- E. Pig-tail power cable
- F. Screws and Allen wrench
- G. Antenna



Planning Configuration and Installation

See the other side of this sheet for more about mounting at the installation site

- The camera should be situated within **200 feet** (61 m) of a power outlet and within the verified range of its Wi-Fi® connection. DO NOT mount the camera within 1 foot (0.3 m) of any other wireless device. Depending on the specifics of your installation, a range extender may be needed to ensure adequate Wi-Fi signal strength.
- Pre-installation: It is strongly recommended that camera configuration be done as close as possible to the Wi-Fi router with which the camera will be linked. After setup, use a third-party app to check signal strength at the installation site before mounting (over for more information on signal strength.)
- The power adapter must be connected to a non-switchable power outlet.
- Direct sunlight on the camera lens / image sensor may affect picture quality. When placing the camera, consider how the lighting can vary with time of day and other conditions. The included sun shield can be attached to the camera to help minimize problems with sun glare.

IMPORTANT: Use only ONE of the included power extension cables. This cable adds **8 feet** (2.44 m) to the supplied power adapter for a total of **15 feet** (4.5 m). Alternately, you may use the pig-tail power cable to extend the power adapter cable with a maximum of **200 feet** (61 m) of **18 AWG** wire. If the included extension cable is **not used**, you may cut and splice (observing good workmanship) the power transformer cable.

! Ensure proper polarity if the pig-tail power cable is used. The pig-tail's black (negative) wire must be connected to the negative (white dashed) wire on the power adapter.

Wi-Fi Configuration and Camera Registration

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Download the Total Connect® 2.0 app from the App Store or on Google Play. (Look for the red Total Connect 2.0 logo.) **Note:** Significant differences between the iOS and Android versions of the app are noted in these instructions.

For best results, configure only one camera at a time.

Check these settings when you turn on your mobile device's Wi-Fi and Bluetooth:

- Make sure the Bluetooth isn't connected to another device, such as headphones
- Also, make sure the mobile device is **NOT on Silent** (ringer and speaker should be audible)

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- a. Verify that the camera's antenna is securely connected.
- b. Turn on your smart device's Bluetooth and Wi-Fi.
- c. Launch the app and sign in with your Total Connect® 2.0 account.
- d. Plug the power supply into an AC outlet, **but:**
DON'T CONNECT THE POWER SUPPLY TO THE CAMERA YET! When you do, refer to the diagram at right →

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If your account has more than one **Location**, select the appropriate one using the dropdown **▼** menu at the top of the screen.

Press **CAMERAS** at the bottom (iOS) or top (Android) of the screen. (Remember that the horizontal Navigation Order can be customized in iOS.)

- a. At upper right, press **ADD CAMERA** (iOS) or **+** (Android)
- b. Select the type of camera you're installing. The names of the camera models may vary from the illustration at right.
- c. Name the camera and press **NEXT**.
- d. Connect the power supply to the camera. The LED at the top flashes various colors. Then, **WAIT** for the camera's LED to flash **blue only**. This may take a couple of minutes.
- e. Press **NEXT** on the app.

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- a. On the **Pair Your Camera** screen, press **Generate QR Code**. After a brief wait, the code appears.
- b. Show the QR code on your device to the camera from 3 – 8 inches away.
If you can, keep an eye on your device's screen; when the code is scanned successfully, a confirmation message will appear over the QR code.
The app will also provide audible confirmation via your mobile device's speaker.
- c. Select your Wi-Fi network and press **NEXT**.
- d. Enter the network password and press **NEXT**. Final setup begins.

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When setup is complete, the LED on the camera changes from steady blue, to purple and finally to steady green.


The app also displays **Setup Successful***. Press **DONE** or **ADD ANOTHER CAMERA**. After setup, go back to the **CAMERAS** page and check your newly-registered camera. Touch the **preview image** to launch a live stream from the camera.

**The app will tell you if you need to repeat the setup process. This involves resetting the camera, which is described in the app itself.*

See the other side of this sheet for more information about the required steps.

Resetting the Camera

If setup needs to be repeated, or to connect the camera to a different network, activate the Reset switch as seen at right.

- To **reset** the connection, press and hold the reset button until the LED on the camera starts blinking white. Release the button immediately after the LED starts blinking.
- To **join a new/different** network:
 - On the app's **Cameras** screen, press  and delete the camera from the link on its **settings** page.
 - Press and hold the **Reset** switch to reset all settings to their factory defaults
 - Unplug the camera and then reconnect it.
 - Repeat the registration procedure.

LED STATUS INDICATOR

During installation

Blue, blinking	Power on. Ready to start setup.
Blue, steady	Connected to the app. Ready to complete setup.
Purple, steady	QR code scan is complete. Restart the Wi-Fi connection process.
Green, blinking	Connecting to Wi-Fi network.
Red, steady	Setup timed out. Unplug the camera, plug it back in and restart setup process.

During operation



Green, blinking	Connecting to Wi-Fi network.
Green, steady	Connected to Wi-Fi and operating. Note: The camera is always ready to record but only originates live streaming video when called for by the app.
Red, blinking	Not connected to Wi-Fi.

Low-light operation is indicated by four red LEDs arranged around the lens on the front of the camera.

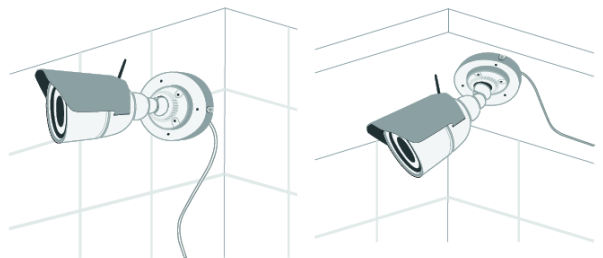
More about mounting at the installation site

IPCAM-WOC2 can be wall- or ceiling-mounted. The camera can be installed with cables running along the outside of a wall, or inside the wall. For outdoor installations where cables are exposed to the weather, please protect the cable-ends with an enclosure such as a weatherproof single-gang box, available at most hardware stores. In any installation, make sure the camera's antenna is firmly connected.

Checking Wi-Fi signal strength at the site using the app:

- On the **Cameras** page, touch  for the camera you're setting up (on **Android**, touch )
- Select **Camera Information** >
- **Signal Strength** is displayed under "IP Address"
 - 60 – 100 Optimal
 - 40 – 59 Marginal
 - 0 – 39 Use of a Wi-Fi range extender strongly recommended

Camera Settings	Done	Back	Camera Information
Camera name	Outdoor Camera >	Model type	IPCAM-WOC2
Camera Information	>	Serial No.	C002002977
LED	<input checked="" type="checkbox"/>	Mac ID	74DA38F7FE0A
Motion Detection	On >	IP Address	127.0.0.1
Video Quality	Auto >	Signal Strength	94
Night Vision	Auto >	WiFi Signal Strength	Optimal
Privacy on disarm	<input type="checkbox"/>	Max Resolution	1920x1080
DELETE CAMERA		Firmware Version	v1.32_20200707
		Firmware Last Updated	2020-10-14 11:12:48



Wall mount example

Ceiling mount example

(both shown with weatherproof single-gang box)

FEDERAL COMMUNICATIONS COMMISSION & ISED STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

CLASS B DIGITAL DEVICE 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.

FCC / ISED STATEMENT

This device complies with Part 15 of the FCC Rules, and ISED's license-exempt RSSs. 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.

Cet appareil est conforme à la partie 15 des règles de la FCC et exempt de licence RSS d'ISED. Son fonctionnement est soumis aux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

RF EXPOSURE STATEMENT:

The antenna(s) used for this device must be installed to provide a separation distance of at least 7.8 inches (20 cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC and ISED multi-transmitter product procedures.

MISE EN GARDE EXPOSITION AUX FRÉQUENCES RADIO:

La/les antenne(s) utilisée(s) pour cet émetteur doit/doivent être installée(s) à une distance de séparation d'au moins 20 cm (7,8 pouces) de toute personne et ne pas être située(s) ni fonctionner parallèlement à tout autre transmetteur ou antenne, excepté en conformité avec les procédures de produit multi transmetteur FCC et ISED.

DECLARACIÓN IFETEL

La operación de este equipo está sujeta a las siguientes dos condiciones

1. Es posible que este equipo o dispositivo no cause interferencia perjudicial y
2. Este equipo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

DECLARACIÓN ANATEL

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

This radio transmitter [IC: 573F-IPCAMWOC2] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Antenna Type	Model Number	Antenna Gain(dBi)	Support
Dipole	98865MRSX004	2	2.4GHz+BT

Le présent émetteur radio [IC: 573F-IPCAMWOC2] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour tout type figurant sur la liste, sont strictement interdits pour l'exploitation de l'émetteur.

Antenna Type	Model Number	Antenna Gain(dBi)	Support
Dipole	98865MRSX004	2	2.4GHz+BT

For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible.

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

For the latest documentation, support and warranty information, please go to:

www.resideo.com

This product manufactured by Resideo Technologies, Inc. and its affiliates

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