Indoor | Outdoor
45245

Home Monitoring

Wireless **Add-on Color Camera**

User Manual

For indoor/outdoor use

www.jascoproducts.com

1-800-654-8483

Table of Contents

Thank you for purchasing the GE Wireless Add-on Color Camera. This product is intended for use as an add-on camera for the GE Home Monitoring Surveillance Systems. Please review these instructions carefully before attempting to operate the camera.

PRODUCT FEATURES

- Weather resistant metal camera casing, designed for outdoor use.
- Black anodized finish prevents rust and unwanted reflections
- Long Range Night Vision — high-powered LED's allow you to see up to 60ft. in the dark.
- Vandal resistant bracket hides cables.
- Adjustable sun shield to minimize glare.
- Multi-axis adjustment bracket allows you to mount the camera at almost any angle.
- Adjustable antenna.
- "WiFi" friendly—won't interfere with home wireless networks. Wirelessly transmits audio and video up to 200 ft. (unobstructed line of sight.)
- UL approved power cable.

PACKAGE CONTENTS

Please check and identify all the parts before proceeding with the installation.

1. Wireless Add-on Color Camera
2. Wall mounting hardware (3 screws, 3 plastic anchors)
3. AC adapter
4. Adjustment wrench

CHOOSING A CAMERA MOUNTING LOCATION

The Wireless Add-on Color Camera is desiged to be mounted to a wall. It is suitable for indoor or outdoor use. When choosing a mounting location, please be advised:

- The wireless camera must be used with a GE Wireless Home Monitoring system. The location of the GE Wireless Receiver or monitor may affect where you mount the camera.
- This camera is designed to be reliable for outdoor use; however its flexible design allows it to be used indoors as well. It is expecially suited for viewing large areas in low or no light.
- If using outdoors, take time to first consider how you will route the cable back the power adapter. The mounting bracket routes the cable through the bracket providing a vandal-resistant design. There is a slot located at the base of the

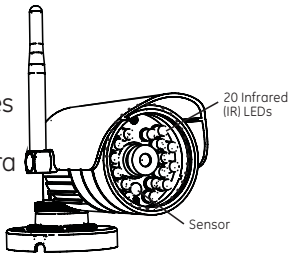
mounting plate so that the cable can exit the cable ran on the outdoor surface. The cable can also be routed out the bracket and along a wall and/or ceiling keeping it hidden/protected.

- The universal multi-axis bracket allows you to mount at almost any angle.
- DO NOT position the camera so that it points directly into the sun or any bright light as this may cause damage to the camera.
- Avoid positioning the camera so that it is viewing areas where half of the area is in bright sunlight and the other half is dark, such as the shadow of a building. All types of cameras have difficulty "seeing" into areas of such divergent light levels.
- In low light conditions, the camera will automatically activate its high-powered Infrared (IR) LED's and switch the camera to Long Range Night Vision mode. Long Range Night Vision viewing distance can be up to 60ft, and will be viewed in B/W.
- The included AC adapter must be positioned no farther than 8' from an AC outlet. Do not use the supplied adapter outside. If you need to extend the AC adapter cable, 12 ft. extensions are available by contacting Technical Support at 800-654-8483.

- The Camera has an unobstructed wireless transmission range up to 200 ft. from the receiver. Transmission distance indoors is reduced due to interior walls, wiring, household fixtures and metal plumbing.

LONG RANGE NIGHT VISION

The 45245 Wireless Color Camera features Long Range Night Vision technology. Objects and images can be seen in little or no light up to 60 ft. The camera uses a special image sensor that automatically detects available light levels. It turns on/off the high-powered Infrared (IR) LEDs on the front of the camera. These LEDs provide artificial light that allows the camera to 'see' in the dark. **Night Vision will appear as a Black and White image.** When the image sensor detects enough light, color will return to the images.



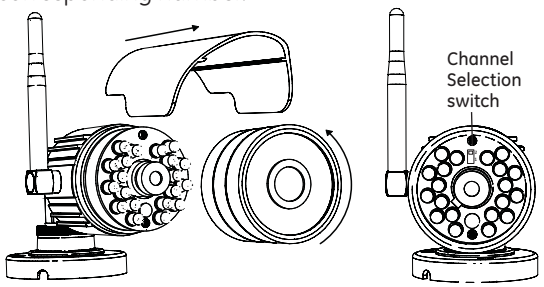
MULTI-CAMERA SYSTEMS

The Wireless Add-on Color Camera is designed as an add-on camera to work only with a variety of GE

Wireless Camera Systems - 45234, 45236, 45239, 45246. Each system can accept a maximum of two cameras.

CAMERA CHANNEL SELECTION

Each wireless camera must be assigned to a specific channel (1 or 2) through the use of a slide switch located on the inside of the camera housing.
First slide off the sun shield and then unscrew the lens from the camera. The receiver or monitor must have its channel selection set to the same corresponding number.

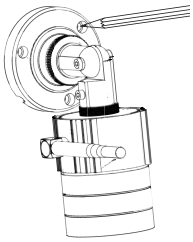


In a two camera system, one camera is set to Channel 1 and the other is set to Channel 2.

The receiver or monitor must be set to the 2 camera position in order to view both cameras alternately (see receiver or monitor manuals for specific channel selection requirements).

INSTALLATION
Wall Mount or Ceiling Mount — you will need:

- Drill
- 3/8" Drill bit (if running cable thru wall or ceiling)
- 1/8" drill bit (for drilling screw pilot holes if mounting into wood or non-brick material)
- 3/16" drill Bit (for drilling holes for plastic anchor s if mounting onto drywall or brick material)
- a screwdriver.
- Adjustment wrench (included)



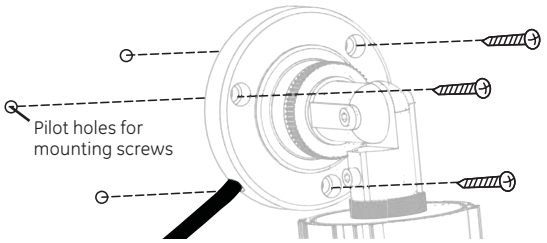
Step 1. Mounting preparation
Once a suitable location for the camera has been selected and the cable route has been determined, you will need to use the camera's mounting bracket as a template to mark holes for drilling. Mark three holes on the wall for the anchors or screws as shown. Please take care to mark the center of the holes.

Note: Before mounting camera permanently, check to ensure the appropriate channel has been selected (see Channel Selection) to provide good reception at the receiver/monitor.

Step 2. Cable routing -IMPORTANT

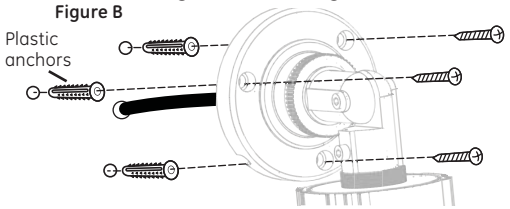
(a) If running the cable along the wall surface, position cable through slot at base of mounting bracket before installing mounting bracket (see figure A).

Figure A (Running cable on surface of wall)



(b) If the cable needs to be ran through a wall or ceiling, then an additional hole will need to be drilled using the 3/8" drill bit. **Drill the hole in the center of the three mounting screw holes (see figure B).** Fit connector and cable through hole before securing the mounting bracket.

Figure B

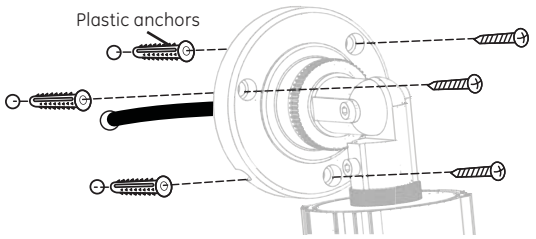


Step 3. Mounting bracket

(a) If mounting to a stud, wood surface or other non-brick material, use the 1/8" drill bit to drill pilot holes; drill holes. Align holes in mounting bracket to drilled holes, insert screws and screw in until plate has secure fit. Do not over tighten screws.

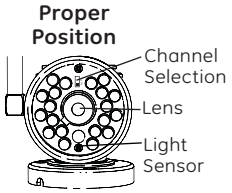
(b) If mounting to drywall or brick material, use plastic anchors (see Figure C). Using 3/16" drill bit (masonry bit, if drilling into brick), drill holes and insert anchors into drilled holes for snug fit. Align holes in mounting bracket to drilled holes, insert screws and screw in until plate has secure fit. Do not over tighten screws.

Figure C (Mounting bracket using plastic anchors)

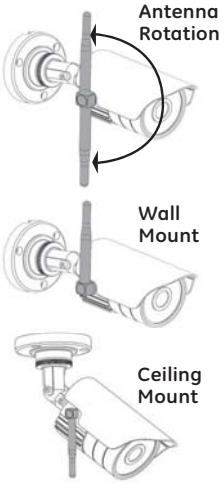


(c) Using included adjustment wrench, slightly loosen the hex head bracket nuts on camera bracket to position camera's multi-axis bracket so camera is pointed toward desired viewing area. Tighten bracket nuts. Do not over tighten nuts.

(d) Take care to position the camera in the correct orientation. To ensure the camera image is not positioned upside down, you may have to rotate the camera housing so the channel slelection switch is positioned above the lens and the light sensor is below the lens.



Step 4. Antenna Adjustment
Once mounted adjust the camera's antenna to achieve best reception. Note if ceiling mounted, you may not be able to position the antenna completely vertical (pointed up). It is acceptable to position the antenna vertically but pointed down. This typically will not cause any interference or reduce the reception ability of the camera. **Do not force the antenna beyond physical stops.**



Step 5. AC Power
Locate the power cable end connection. Attach the AC adapter (labeled 'camera') to end of cable coming from the camera. Plug-in AC adapter to nearest AC outlet. Adapter must be used in a dry location. AC power extension cables are available from the Call Center 1-800-654-8483 or visit online at www. jascoproducts.com

TROUBLE SHOOTING
If you are having trouble operating this product, please consult the guide below. If you have any questions or feel the camera system is not operating correctly, or you simply need additional information, please visit our web site www.jascoproducts.com, or contact our Technical Support Group 1-800-654-8483 (option 4).

No camera picture
1. Check all connectors. Make sure camera(s) and receiver are powered ON.

2. Ensure camera(s) and receiver are set to correct channel(s).

3. Make sure camera is within range of receiver.

4. Adjust the antenna for the camera, monitor or both to obtain best image.

Blank monitor

1. Make sure receiver or monitor is switched ON, and the correct video input has been selected.

2. Ensure AC adapters are completely plugged into the socket and the camera and/or receiver's power indication light is on.

Interference on camera picture

1. Make sure each camera (transmitter) is within range, and that no large obstructions are blocking the signal.

2. Try repositioning the camera, monitor (receiver) or both to improve the reception quality.

3. If a camera is positioned close to the monitor, point antenna away from the receiver.

4. Reposition other nearby equipment transmitting on the 900MHz frequency.

5. Adjust the antenna for the camera, monitor or both to obtain best image.

Audio problems

1. Ensure the volume is turned up sufficiently on the Monitor (or TV).

2. Make sure the sound is within the microphone range.

3. If the unit emits a loud wailing sound (feeds back), try moving the camera away from the receiver or angle the receiver differently.

SPECIFICATIONS *(Subject to change without notice.)*

CAMERA

TV System	NTSC
Integrated Lens	6.0mm, F1.5 fixed focus
Resolution	510x496 TV Lines
Image Sensor	1/3" CMOS
Min. Illumination	0.5lux up to 60 ft
Voltage	9VDC
Current Consumption	330mA maximum
Overall Size	2.5"W x2.25Hx6.75D
Frequency Range	902 - 928 MHz
Modulation	FM
Channel Selection	Manual
Case Finish	Aluminum
Operating Temperature	14°F to 104°F (-20°C to 55°C)
Humidity	Less than 85%

ONE-YEAR LIMITED WARRANTY

Jasco Products Company warrants this product to be free from manufacturing defects for a period of one year from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this unit. This warranty is in lieu of all other warranties express or implied. Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state. If unit should prove defective within the warranty period, return prepaid with dated proof of purchase to:

Jasco Products Company
10 E. Memorial Road,
Oklahoma City, OK 73114

FCC STATEMENT

WARNING

Risk of fire and shock
- Only use the supplied cUL listed AC to DC adapter.
- The supplied adapter is for indoor use only.
- Do not run the camera cable inside walls; when securing the cable, do not cut or puncture
- Do not use in wet locations

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.
(2) This device must accept any interference received, including interference that may cause undesired operation.
FCC NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.
NOTE: 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.

Notes

Notes

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