

RadioShack®



49-1356

DIY Color Camera with Mic

Thank you for purchasing your DIY Color Camera with Mic from RadioShack. Designed for use with the RadioShack Video Surveillance Switchbox (49-2517), it integrates seamlessly with color camera observation systems at your home or workplace. Small and compact, your DIY Color Camera with Mic enables 1-way communication and for best resolution, automatically switches to black and white when light is low.



what's included

Security Camera

User's Guide



AC Adapter



Wall Mount Bracket



A/V Cable



59-Foot Cable



Cable Guide (10)



Screw (2)



Drywall Anchor (2)

preparing for installation

- Carefully plan the camera position and cable route.
- Select a dust-free location providing a clear view of the area you want to monitor, and that is not in a strong light source such as direct sunlight.
- Do not install the camera in a location exposed to high humidity or rain.
- Select a location for the camera that has an ambient temperature between -4°F (-20°C) and 122°F (50°C).
- Plan the cable's route so it is not close to power or telephone lines, transformers, microwave ovens, or other electrical equipment that could interfere with the system.
- If you plan to install the camera in a location with harsh conditions, consult with a professional installer and consider using a camera cover or housing (not included).
- Before permanently mounting the camera, first setup and hold the camera in the desired location and check its performance on the monitor.
- To illuminate the camera's viewing area, we recommend installing a 100-watt incandescent lamp or a small incandescent flood lamp.

mounting your camera

1 Use the wall mount bracket to mark the locations for the two mounting screw holes.



2 (Optional) To run the video cable behind the mounting surface, drill a third hole at least 14 mm in diameter.



3 To mount the camera, loosen the screw from the base of the camera's neck, and insert camera onto the arm of the wall mount bracket. Secure the camera by tightening the screw.

NOTE:

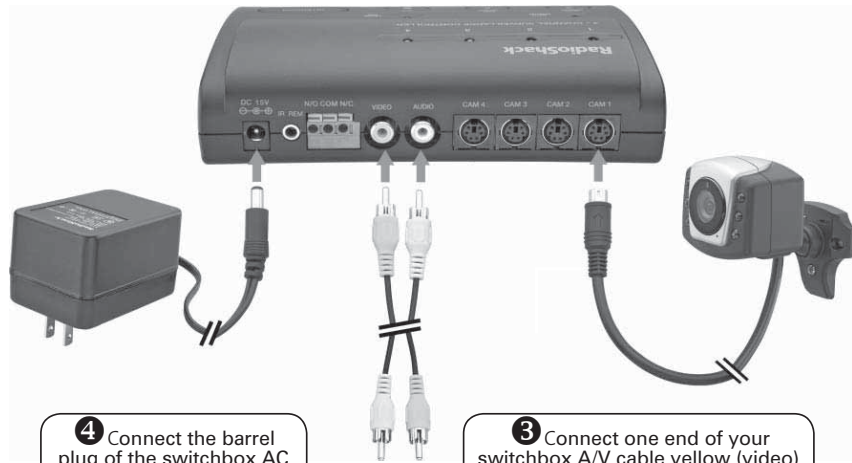
If mounting to drywall, drill the drywall anchor holes just large enough to insert the anchors firmly, then follow the steps above.

Please read this user's guide before installing, setting up and using your new product
www.radioshack.com

connecting your security camera to a switchbox

1 Position the camera for the desired recording view.

2 Connect the camera plug into the 59-foot cable socket then connect the 59-foot cable plug into the switchbox.



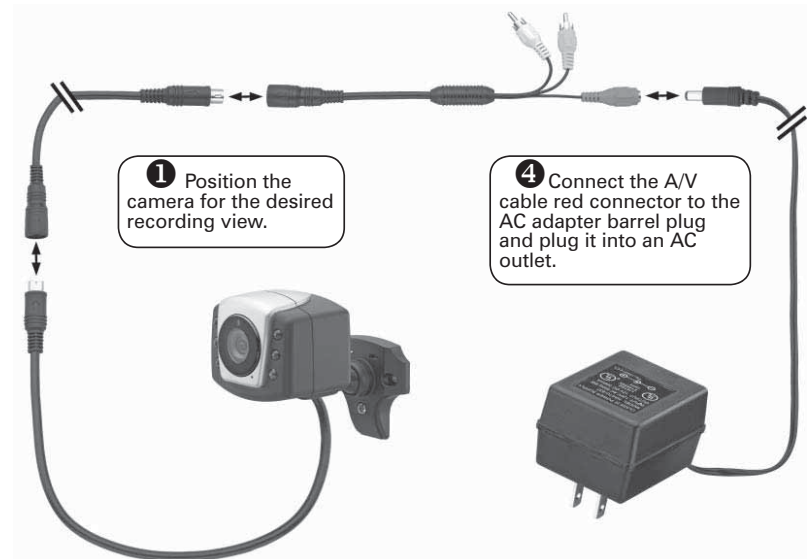
4 Connect the barrel plug of the switchbox AC adapter to the switchbox and plug the adapter into an AC outlet.

3 Connect one end of your switchbox A/V cable yellow (video) and white (audio) connectors to the video and audio jacks of your monitor, VCR or TV and the other ends to your switchbox.

connecting your camera directly to a monitor, VCR, or TV

2 Connect the camera plug into the 59-foot cable socket then connect the 59-foot cable plug into the A/V cable socket.

3 Connect the A/V cable to the video and audio jacks on your monitor, VCR or TV.



1 Position the camera for the desired recording view.

4 Connect the A/V cable red connector to the AC adapter barrel plug and plug it into an AC outlet.

limited go-day warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. For complete warranty details and exclusions, check with your local RadioShack store.

RadioShack Customer Relations
300 RadioShack Circle, Fort Worth, TX 76102

04/04

specifications

ImagerCMOS sensor, 250,000 pixel, 330 TV lines, 1/3 inch
Input Voltage 12 V DC
Lens Angle 90° (viewing angle is 76°)
Audio Frequency Response 300 Hz to 17KHz
Minimum Illumination 2 lux (without IR LED), 0 lux (with IR LED)
Operating Temperature -4° to 122°F (-20° to 50°C)
PIR Maximum Detection Range 24 feet at 25°C
PIR Detection Angle (H/V) Horizontal 70° / Vertical 45°
Dimensions (H x W x D) 1 7/8 x 2 1/16 x 1 7/16 inch
Weight (with wire) 4.8 oz (135 +/- 10 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice. Actual product may vary from the product images in this document.

RF emissions information

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 your local RadioShack store or an experienced radio/TV technician for help. If you cannot eliminate the interference, the FCC requires that you stop using your battery box. Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

FCC Declaration of Conformity
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.



Product	DIY Color Camera
Model	49-1356
Responsible Party	RadioShack Customer Relations 300 RadioShack Circle, Fort Worth, TX 76102
Phone	817-415-3200

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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