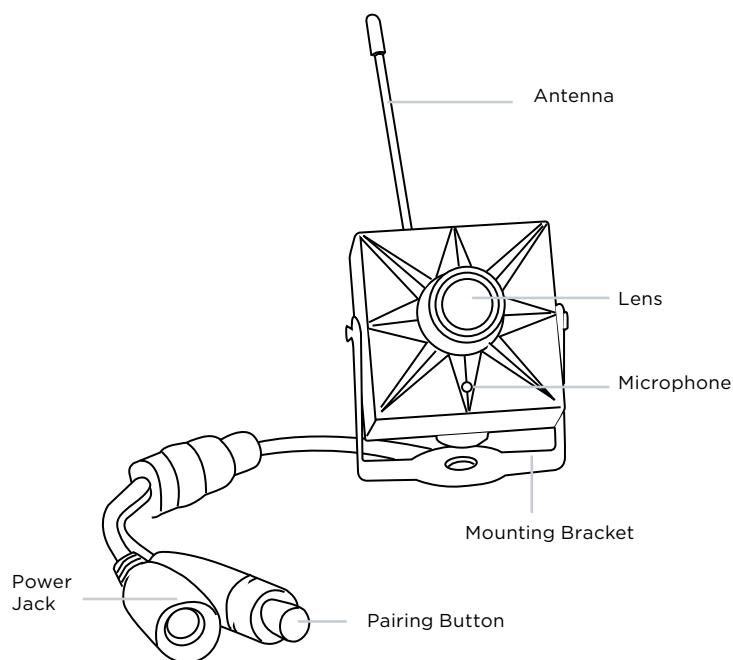


# SM-209DT

Add-on indoor 2.4GHz digital wireless mini camera with audio (DigiminiAir camera)



Note: Please see DigiminAir manual for detailed instructions.

## Product Contents

- 1 x SM-209DT camera with antenna
- 1 x Camera mounting bracket and screws
- 1 x Power adapter
- 1 x User's manual

## Features

- Mini size camera design
- Wireless transmission up to 200ft between walls and up to 350ft in clear line of sight
- No Wi-Fi interference; no interference from crowded analog 900MHz/2.4GHz/5.8GHz/6.0GHz devices
- Built-in microphone for audible recording up to 20ft away
- Digital wireless pairing channel (Ch1/Ch2/Ch3/Ch4) camera and receiver, worry-free of signal interception
- Compatible with DigiminiAir/DigioutAir SM-451DR receiver only

## Specifications

Image Sensor	1/4" CMOS Color
Resolution	510 x 492 pixels (NTSC)
View Angle	60 degree
Audio	Microphone built-in (up to 20ft)
Minimum Illumination	3 Lux/F1.2
Pairing Button	1
Power Supply	DC 5V / 1.5A
Dimensions (LxWxH)	1.45" x 1.45" x 0.8"
Frequency	ISM 2400 - 2480 MHz (CH1/CH2/CH3/CH4)
Transmission power	17 dBm
Receiver Sensitivity	≤ -85dBm
Modulation	GFSK
Antenna	Omni 3dBi
Transmission Distance	Up to 350 ft clear line of sight; up to 200ft (indoor)
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Operating Humidity	20% -80% RH

## Installation

Please reference the DigiminiAir/DigioutAir user's manual on how to pair the camera to the SM-451DR digital receiver and then give it a quick test for video transmission before camera installation.

### Camera Installation (SM-209DT)

1. Mounting the camera:

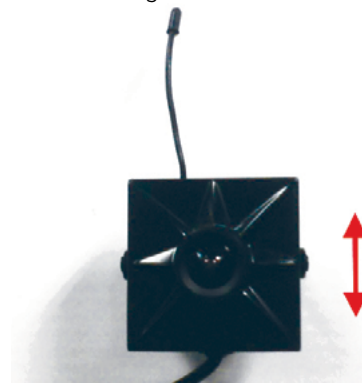
- a) Detach the camera's mounting bracket by removing the two screws located on the left and right side of the camera using a Philip screw driver.



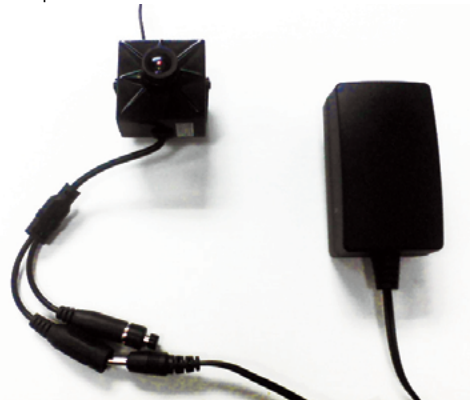
- b) Secure the camera's mounting bracket in the desired location using the wall mount bracket and screws provide as shown on below.



- c) Re-attach the camera to the mounting bracket and adjust the viewing angle as needed (adjust by tilting up and down) as illustrated on the right.



2. Connect the power adapter plug into the power socket attached to the camera and then connect the power adapter (5VDC, 1.5A) into an electrical power outlet as shown below.



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#### FCC Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device should not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Operation of this equipment in a residential area is likely to cause interference in which case, the user at his or her own risk and expense will be required to correct the interference.

#### Warranty

SecurityMan warrants that this product will be free from defects in title, materials and manufacturing workmanship for one year from the date of the purchase or otherwise specified on the package. If the product is found to be defective then, as your sole remedy and as the manufacturer's only obligation, SecurityMan will repair or replace the product.

This warranty is exclusive and is limited to this product. This warranty shall not apply to products that have been subjected to abuse, misuse, abnormal electrical or environmental conditions, or any condition other than what can be considered normal use.

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## For Tech Support Call: 888-977-3777

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### Operating Restrictions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages.

**PLEASE NOTE** that under certain circumstances, audio/video recording may be PROHIBITED by law. This device should be used only in compliance with all applicable federal, state and local statutes.

- **DO NOT** place this product too close to medical equipments. Radio waves might potentially cause breakdown of electrical medical equipment. This product should be placed at least one foot away from any heart pacemaker. Radio waves might potentially influence heart pacemaker and lead to respiratory disturbance.
- **DO NOT** use this product to violate one's privacy. Monitoring one's private activities without consent is illegal and this product is not designed and manufactured for these purposes.
- **DO NOT** this product to carry out any illegal activities such as sneak preview, and etc. SecurityMan shall not be responsible for any consequences of illegal conducts made by users.
- **DO NOT** put the plastic package bags in reach of children or babies. Young children can choke on these items if they put them into their mouths.
- **DO NOT** plug the AC adapter into the outlet in improper situations.
  - Plugging in an AC adapter with wet hands might cause electric shock.
  - Plugging in the AC adapter unsteadily might cause fire or electric shock.
- **DO NOT** cover the AC adapter when it is connected to an outlet, place the adapter near heaters, or put it on the floor which is equipped with a heater. The above mentioned operation might cause fire or incidents.

- **DO NOT** use it aboard; please abide by the airway's provision. It might influence communication aboard and the flying apparatus if departing from the airway's regulation. This will result in accident, possible death and severe physical hurt.
- **DO NOT** disassemble or repair the camera, receiver or other relevant peripheral equipments by yourself. Improper disassembly might cause damage to the product internal parts, the peripheral equipment, or personal injury.
- **DO NOT** put the camera in quaky paces. The camera may be unstable or out of operation if installed improperly. Such installation may also cause breakdown.
- **DO NOT** touch, shake or hold the antenna. Touching, shaking or holing the antenna might influence the receiving of electromagnetic wave, and thereby influence the receiving effect.
- **DO NOT** use the camera in complex environment, the obstruction of stumbling block will affect the electromagnetic wave and influence the receiving range. Wall, tree and other stumbling block might absorb, reflect the electromagnetic wave, and influence the receiving range.
- **DO NOT** use the camera in the places which are covered with metal. The around metal, such as elevator and cabin, might shield the electromagnetic wave, and result in inability to receive signals.
- **DO NOT** use the camera near aggressive chemicals.
- **DO NOT** place the product near any strong magnetic objects
- **DO NOT** disassemble the product.
- **DO NOT** shake or strike the product.
- **DO NOT** attempt to service the product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

### Conditions

Please read the following messages to make sure your working environment is suitable.

- The temperature should be kept between -20°C and 60°C (-4°F to 140°F). The relative humidity should be kept between 20% and 80%.
- Avoid putting the product in places where temperature or humidity may change rapidly in temperature or humidity.
- Keep it dry, dustless and avoid exposure directly in sunlight.
- Keep product away from heat sources such as electric heater.
- It might influence the normal operation of the product if used at the fringe range of normal temperature. Please turn off the power when not in use.
- Please obey the local government's environment protection policy.
- In order to avoid inflammation or electric shock, this camera kit should be kept away from exposure to rain or moist, and it shall not be put in or near bathrooms, washing polls, wash houses, moist basements, or swimming pools, unless it is well shielded.
- In use of sockets set on walls or extension wires, attention should be paid not to exceed their load capabilities to avoid inflammation or electric shock.
- Switch off the power supply in thunder and lightning weather or when not in use for long periods of time.

### Safety Instructions

- Please read these instructions before using the product. This product is neither waterproof nor dust proof; therefore it cannot be used outdoors or in adverse environment.
- Please adopt original DC power supply, to avoid causing device damage or electric shock or fire.
- Unauthorized dismantlement of the device or replacement of device parts is forbidden. The manufacturer will not be responsible for any loss arising from such actions.
- Do not put the device into fire, oven or microwave oven, in order to avoid explosion.
- As a result of version changes, the user manual may be different from