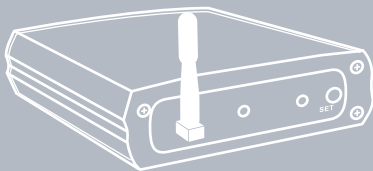
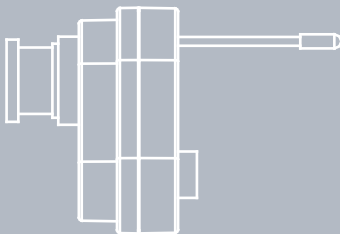


SecurityMan®



Converts Wired Camera to Wireless
(900 MHz)
Model: SM-401

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FCC Information

Notes on FCC's "Consistent Statement of Information" This product meet the requirements specified in Part 15 of FCC Regulation. Operation rests with the following two conditions:

- (1) The equipment should not cause any harmful interference.
- (2) The equipment must receive and process any interference, including any possible interference caused by operation mistakes.

After testing the product, we confirm that the camera complies with the provision for class C digital equipment in the 15th part in FCC regulations; and the receiver complies with the limitations for class B digital equipment in Part 15 of FCC regulation. The product generates, applies and emits radio waves. It might cause harmful interferences to wireless communication if not be installed and used following the description of the manual.

The product may cause interference in residential area, and the customer should take remedies to eliminate the interference on their own costs.

If the product causes any harmful interference to wireless equipment or disturbs the receiving of TV signals (it can be identified by turning on and off the product), you can solve the trouble by following methods:

- Read just the product or put it in another place.
- Extend the distance between the equipment interfered and the product.
- Refer to dealers or experienced radio electrician for help.

Warranty

SecurityMan warrants that this product will be free from defects in materials and workmanship for period of time specified on the product packaging. This limited warranty shall commence from the date of purchase (normally 1 year). SecurityMan Products warranty is not transferable and is limited to the original purchaser. 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 shall not apply to products that have been subjected to abuse, misuse, abnormal electrical or environmental conditions, normal wear and tear or any condition other than what can be considered normal use.

Limitation of Liability

The liability of SecurityMan arising from this warranty and sale shall be limited to a refund of the purchase price. In no event shall SecurityMan be liable for costs of procurement of substitute products or services, or for any lost profits, or for any consequential, incidental, direct or indirect damages, however caused and on any theory of liability, arising from this warranty and sale. These limitations shall apply not with standing any failure of essential purpose of any limited remedy.

For Customer Service: 888-977-3777

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Notice:

900MHz wireless camera works at ISM band. It may cause interferences with other wireless equipment that operates at the same band. Please turn off one of the equipment to eliminate the interference.

Product Assurance

900MHz wireless camera will emit electromagnetic wave, just like other wireless products. But the output power of the products is lesser than other wireless products such as mobile phones. The 900MHz wireless camera meets wireless frequency security standards and recommend indexes while working. These standards and indexes are certificated by academic organization and represent the cogitative research of the scientific workers who continuously explore and annotate the involved fields. So we believe that our products are safe for customers.

Operating Restrictions

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 put this product near any medical equipment. Radio waves might potentially cause breakdown of electrical medical equipment. This product should be placed at least 1 feet away from any heart pacemaker. Radio waves might potentially influence heart pacemaker and lead to respiratory disturbance.

DO NOT use this product for any illegal activities. SecurityMan shall not be responsible for any consequences of illegal conducts made by users.

Conditions

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

- Ensure there is enough space around the receiver for ventilation.
- The temperature should be kept between -10°C and 50°C (14°F to 122°F). The relative humidity should remain from 20% to 80%.
- Avoid putting the product in places where occur might change rapidly in temperature or humidity
- Keep it dry, dustless and avoid exposure in it directly in sunlight
- Keep product away from heat sources such as electric heater
- Do not use the camera near aggressive chemicals
- Do not place product near any magnetic objects

Maintenance

- Do not shake or stricken the product.
- In order to avoid inflammation or electric shock, this converter kit should be kept away from exposure to rain or moist, and it shall not be put in or near bath-rooms, washing pools, washhouses, 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.
- Do not disassemble the product casings, otherwise the internal precision parts may get damaged, or personal injury caused.
- Switch off the power supply in thunder and lightning weather or when not in use for long periods of time.
- 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.

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Introduction

Thank you for purchasing the wireless converter. The wireless converter is a convenient wireless security camera kit for indoor surveillance used to convert any wired cameras to wireless (900MHz). A perfect solution for existing wired cameras ideally for homes and businesses. It consists of a wireless transmitter, a wireless receiver, and all the necessary accessories to put it to work.

Note: Please read the manual entirely before use.

Features

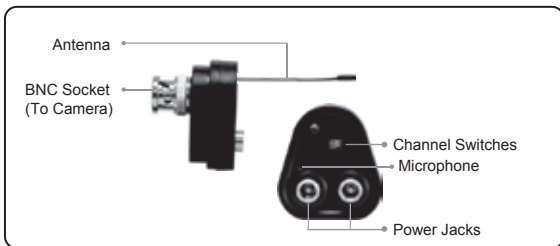
1. Turn any 12 volt wired CCTV camera to a wireless camera (900MHz)
2. Avoid the hassle of running cables
3. No interference from crowded 2.4GHz/5.8GHz devices including Wi-Fi network device.
4. Wireless transmission up to 330ft clear line of sight (100ft indoor)
5. Built-in microphone (transmitter)
6. Two-channel receiver supports up to two wireless cameras

Package Contents

- 1 x Wireless transmitter (SM-401T)
- 1 x Wireless receiver (SM-7034)
- 1 x 8VDC power adapter (for receiver)
- 1 x Mini power cable
- 1 x AV RCA cable
- 1 x User Manual

Hardware Basics

SM-401T (Transmitter for the wired camera)



Front

BNC socket: Connect to a wired camera output.

Back

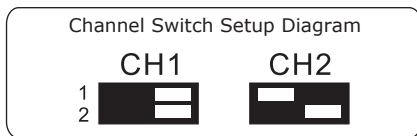
Antenna: Sends the wireless signal to the receiver.

Microphone: Captures audible sound up to 25ft away.

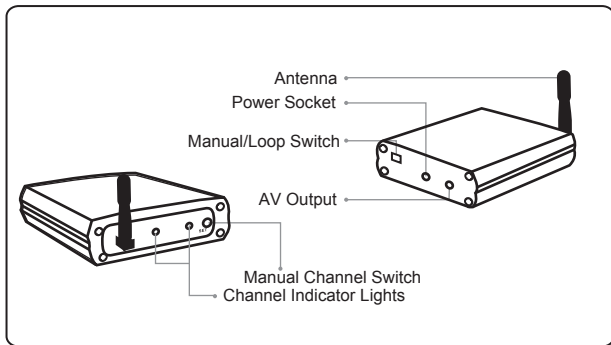
Power jacks (x2): Use the existing wired camera's power adapter to one of the two jacks and then use the mini power cable to connect from the second jack to the camera's power input socket. Power jacks can only support power supply that outputs up to 12VDC max, not applicable for cameras that use 24VDC power output.

Channel switches: supports up to 2 channels frequency. The manufacture default channel setting is channel number 1. Key notes for channel switches are as follow:

- Avoid using the same channel frequency setting in a location.
- If channel 1 is not clear or unstable, change to channel 2 or vice versa.
- Transmission quality may varies from one location to the next. Be sure to move the receiver and camera around to find the best possible reception.



SM-7034 Receiver



Receiver manual & loop Switch

- A) In manual mode use the Channel Switch button located in the front of the receiver to toggle between channel#1 & channel#2
- B) In loop mode the receiver will auto dwell by switching between channel#1 & channel#2. The auto dwell time is fixed and preset to 5 seconds intervals.

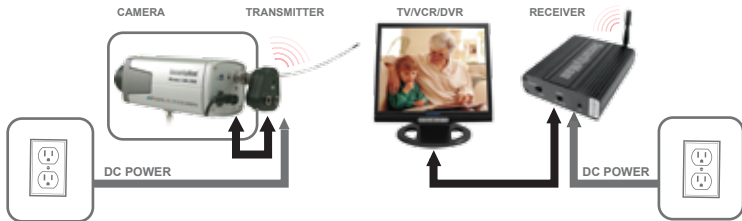


A) Manual Mode



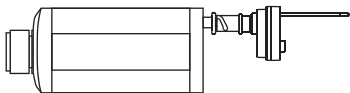
B) Loop Mode

Installation Diagram

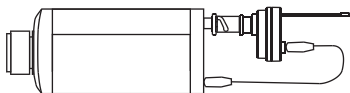


Installation Procedures

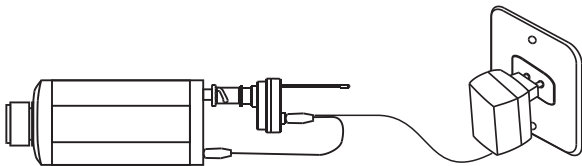
1. Connect the SM-401T transmitter to a wired camera using the BNC connection.



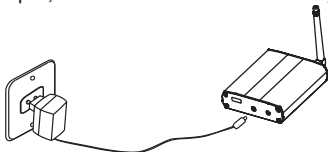
2. Connect the mini power cable from the power socket of SM-401T transmitter to the wired camera power input socket as shown below.



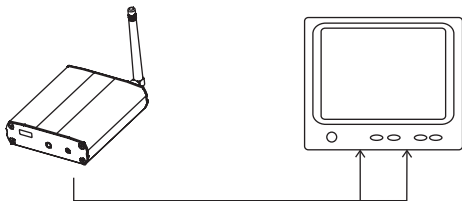
3. Plug the power adapter of the wired camera to the power outlet and connect the power jack to the power socket of the transmitter (SM-401T).



4. Connect the power adapter to the power outlet and the power jack to the receiver power input, the receiver will automatically turn on.



5. Connect the receiver to a monitor, TV, LCD, DVR (digital video recorder), or VCR using the AV cable. (Yellow for video; red for audio).



6. Power on the monitor/TV/LCD and select input mode or auxiliary channel (ie. VIDEO1, VIDEO2, LINE1, LINE2, etc.). If the A/V cable is connected to a recorder; turn the recorder on and ensure the recorder is connected to an output monitor.

Notes:

1. Avoid using with other 900MHz wireless devices (like cordless phone) at the same location due to possible interferences.
2. If picture is not clear, try to change to another available channel. Or, move both the transmitter/receiver around for better reception.
3. No more than two wireless transmitter converter at a location.
4. Many receivers can be used at a location for multiple rooms monitoring.

Product Specifications

SM-401T (Transmitter)

Transmission Frequency	FM, CH1=906MHz, CH2=924MHz (channel selectable dip switches)
Video Input	BNC
Audio	Microphone Built-in
Bandwidth	18 MHz
Transmission Power	2 mW
Power Consumption	100 mA (Max.)
Power Input	12VDC Max. (NOT compliant with 24VDC power input)
Dimensions (W x D x H)	1.38" x 1.29" x 1.54"
Operating Temperature	- 10 ~ +50 (Degree C)/+14 ~ +122 (Degree F)
Operating Humidity	≤ 85% RH
Weight	25g

SM-7034 (Receiver)

Antenna	50 ohm SMA
Receiving Sensitivity	≤ -85 dBm
Intermediate Frequency	480 MHz
Video Output Signal Level	1.1 Vpp±0.2 Vpp @75 ohm, S/N > 38dB
Audio Output Signal Level	3.0 Vpp±1Vpp @ 600 ohm
Power Consumption	165mA (Max.)
Power Supply	8VDC
Dimensions (W x D x H)	3.1" x 3.6" x 0.8"
Weight	174g

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