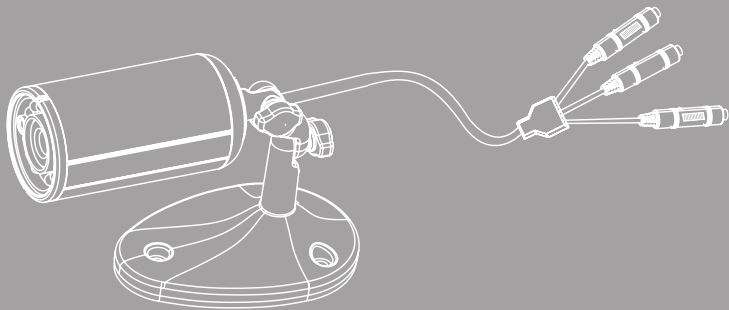


**SecurityMan®**

# User's Manual



**SM-302**

**Weatherproof Color Camera with Audio & 100 Feet Cable**

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## **FCC Information**

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

- (1) This device may not cause any 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 materials and workmanship for one year or otherwise specified on the product packaging. This limited warranty shall commence from the date of purchase. 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 notwithstanding any failure of essential purpose of any limited remedy.

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**For Customer Service: 888-977-3777**

## 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 or manufactured for those purposes.

**DO NOT** put this product near any medical equipment. Radio waves may potentially cause electrical medical equipment to malfunction. This product should be placed at least 1 foot away from people with a heart pacemaker. Radio waves might potentially influence heart pacemakers and lead to respiratory disturbances.

**DO NOT** use this product for any illegal activities. SecurityMan shall not be responsible for any consequences as a result of your illegal use.

### Conditions

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

- The temperature should be kept between  $-10^{\circ}\text{C}$  and  $50^{\circ}\text{C}$  ( $14^{\circ}\text{F}$  to  $122^{\circ}\text{F}$ ). The relative humidity should be kept between 20% and 80%.
- Avoid putting the product in places where temperature or humidity may change rapidly.
- Keep it dry, dustless and avoid lens exposure in direct sunlight.
- Keep product away from heat sources such as electric heaters.
- Do not use the camera near harmful chemicals.
- Do not place product near any strong magnetic objects
- 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.
- Do not disassemble the product.
- Do not shake or stricken the product.
- Please obey the local government's environment protection policy.

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## **Introduction**

Thank you for purchasing the SM-302 indoor/outdoor bullet color camera with night vision and audio. It can be input to TV, VCR or DVR for crystal clear sound and picture. Applications for homes and businesses surveillance.

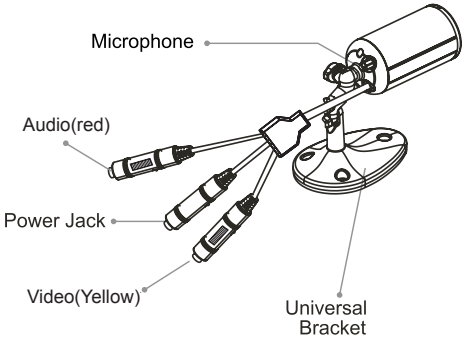
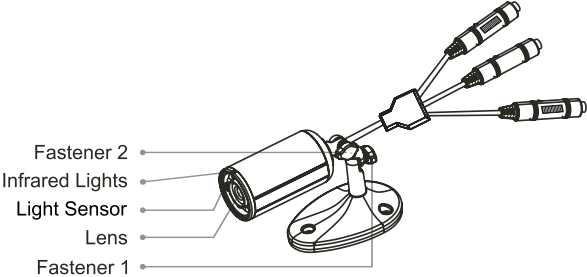
## **Package Contents**

- 1 x SM-302 camera with bracket
- 1 x 100ft AVP cable
- 1 x Power adapter
- 1 x Manual

## Product Features

- D.I.Y. (Do-it-yourself) pack - crystal clear color camera and mounting bracket
- Built-in IR LEDs for night vision (up to 23ft, B/W)
- Built-in microphone for audio monitoring
- Weatherproof camera; applications for outdoor and indoor, wall-mount or ceiling mount
- Compact bullet type camera design
- Ideal for homes and small businesses surveillance

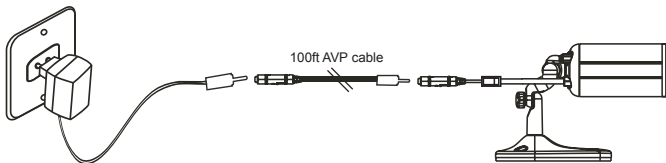
# Product Basics



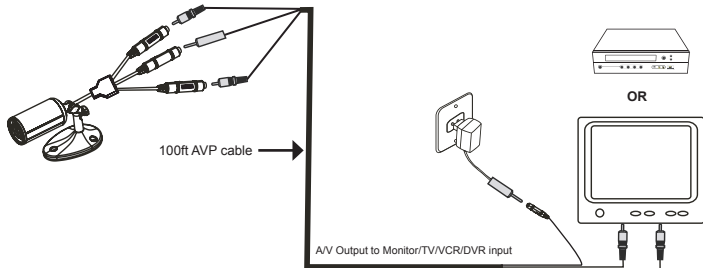
# Installation Setup

- 1) Connect one end of the 100ft power receptacle to the camera's power input socket, connect the A/C adapter (8VDC 300mA) to the other end of the 100ft cable. Finally, connect the power adapter to an electrical outlet as illustrated below.

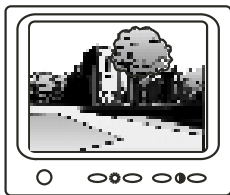
Power Outlet



- 2) Connect one end of the 100ft cable to the camera's yellow socket for video and red socket for audio and the other end to a monitor/TV/VCR/DVR audio/video input. Turn on the Monitor/TV/VCR/DVR and select AV mode, ie. VIDEO 1, VIDEO 2, or L1/L2 (VCR) video input.



- 3) Adjust the brightness, contrast and color of the monitor/TV to perfection.

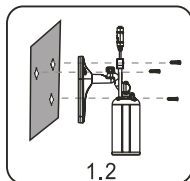
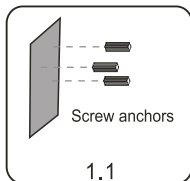


## Camera Installation

1. Locate where you would like to install the camera and give it a quick test to ensure the chosen location has perfect angle.

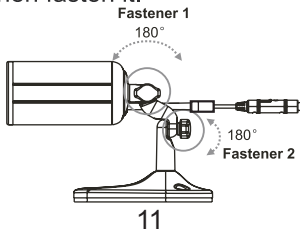
Please follow the steps below to install the camera to a wall or ceiling.

- A) Secure the three screw anchors into wall (or ceiling) to match the hole pattern of the camera bracket
- B) Align the holes of the camera bracket with the anchors, and secure the camera to the wall with three screws

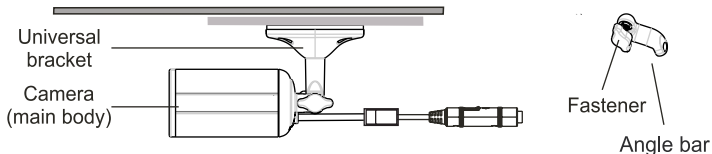


2. Adjust the angle

- A) Unscrew Fastener 1, adjust the camera to an appropriate angle, and then fasten it.
- B) Unscrew Fastener 2 to adjust the camera to an appropriate angle, and then fasten it.

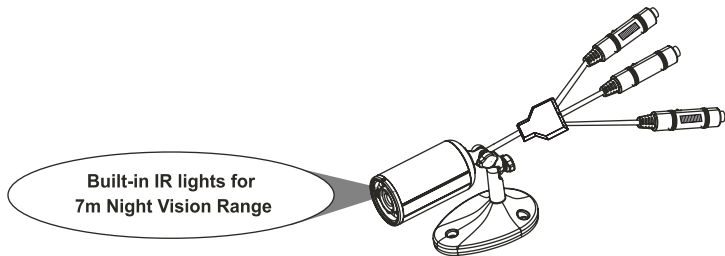


Note: If camera is installed on to the ceiling, it is recommended to remove the angle bar and connect the universal bracket to the camera directly.



## Night Vision

The built-in Infra-red lights in camera provide 7m night vision range for 24hrs surveillance. The Infra-red lights will automatically be activated at night or in dark places. The picture will turn Black & White (monochrome) in Night Vision mode.



## SPECIFICATIONS

<b>Image Sensor</b>	1/4" Color CMOS
<b>Video Resolution</b>	510x492 (NTSC)
<b>Horizontal Resolution</b>	420 TV Lines
<b>Audio</b>	Microphone built-in
<b>Lens</b>	3.6mm
<b>Waterproof</b>	IP54
<b>Viewing Angle</b>	45°
<b>Connector Interface</b>	Audio/Video(RCA)
<b>Power Consumption</b>	200mA(IR ON)/80mA(IR OFF)
<b>Operating Temperature</b>	-10°C~+50°C / +14°F~+122°F
<b>Operating Humidity</b>	85%RH
<b>Dimensions (WxDxH)</b>	2.4"x1.4"x1.4" (camera body)
<b>Weight (Gross)</b>	1.5 lbs

# Troubleshooting

Problem	Possible Reasons/Solutions
Poor picture quality	Adjust the contrast or brightness on the monitor or TV.
No power	Check the DC adapter to be connected to the camera and the other end of the adapter is connected to an electrical outlet.
No picture	Check to sure the YELLOW cable is connected to the camera and the other end is connected into a monitor or TV video input.
No sound	Check to make sure the RED cable is connected to the camera and the other end is connected into a monitor or TV audio input.

## EU Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



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