

SM-400MC User's Manual

**Outdoor/Indoor Wired Dome Camera
with Night Vision**

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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.

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Introduction

Thank you for purchasing the **SM-400MC** wired camera kit. The SecurityMan **SM-400MC** is an outdoor/indoor dome color camera with night vision. It is designed as a professional security camera for deterring unwanted intruders. Its robust stylistic design makes this a weather-proof camera, night vision up to 35ft of distance in total darkness providing your home or business with the ultimate protection. Best of all, this camera can be mixed in with the SecurityMan SM-2100 dummy camera to increase security presence anywhere with just a fraction of the cost.

Package Contents



1 x SM-400MC



1 x AC Adapter
(DC 12V/1.0A)



1 x 100ft BNC VP
(video/power) cable



3 x Dry Wall Screws



2 x Warning stickers



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Features

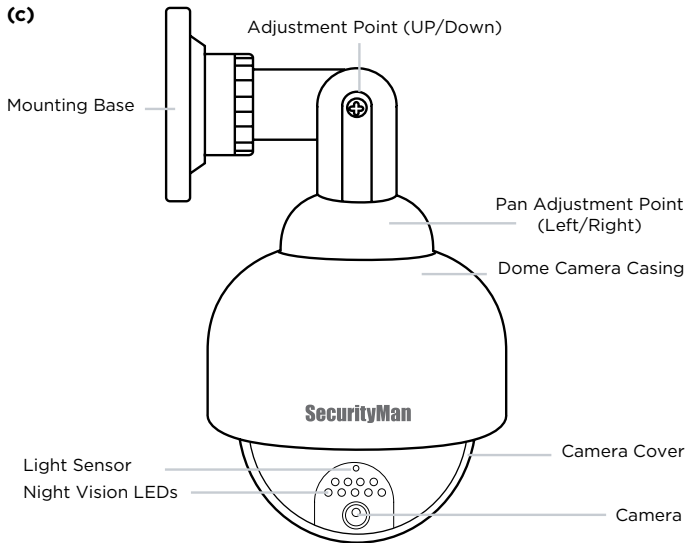
- Do-it-yourself (D.I.Y.) easy to setup wired camera kit
- Robust, weather-proof color dome camera, good for both outdoor and indoor
- Conveys strong security presence due to its stylistic dome design
- Built-in IR LEDs for night vision up to 35ft (B/W)
- Ceiling or wall mountable
- Adjustable camera body

Camera Installation



1. Choose whether to mount the camera on the ceiling shown in figure (a) or wall-mount shown in figure (b)
2. Secure the mounting bracket with the 3 screws provided.

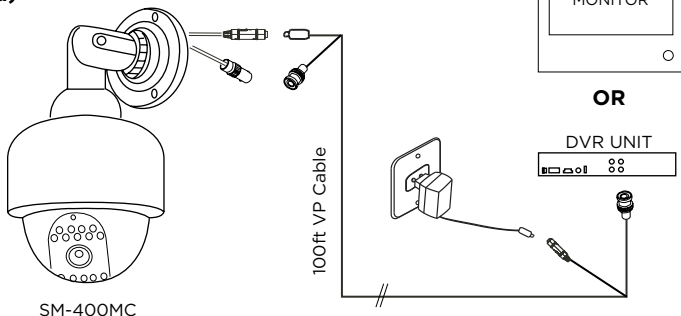
(c)



3. Adjust the cameras vertical angle by loosening the Adjustment Point screw for Up/Down rotation as shown in figure (c).
4. Finally, adjust the horizontal angle or Pan Adjustment Point by turning the dome Left or Right, see figure (c).

Wiring Setup

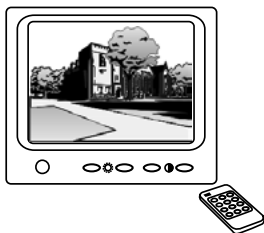
(d)



1. Power connection: connect one end of the 100ft VP (video/power) receptacle to the camera's power input socket, connect the A/C adapter (8VDC, 500mA) to the other end of the 100ft VP cable. Then connect the power adapter to an electrical power outlet as illustrated in figure (d).
2. Video connection: connect one end of the 100ft VP cable to the camera's BNC video input of the camera and the other end to an open BNC port of a DVR or monitor. Attach a **BNC-to-RCA** converter (converter not included) to the end of the BNC cable if the camera is connected to a TV that is not equipped with BNC connections, and plug the RCA connection into the TV's video IN port.

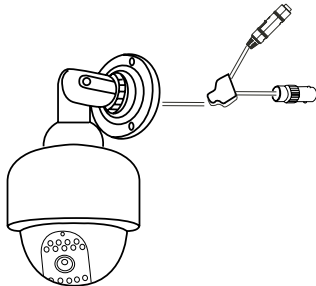
NOTE: If connected to a TV/monitor change the TV/monitor auxiliary to the right video input mode, ie. VIDEO1, VIDEO2, INPUT1, INPUT2, LINE1, LINE2, etc.

3. Adjust brightness, contrast, hue, saturation, and color of the TV/monitor to perfection.



Night Vision

The built-in infrared LEDs provide up to 35ft of night vision for 24-hour surveillance. The IR LEDs are automatically activated when the amount of light is not adequate to capture a good image. While in night vision mode the picture will become black and white or monochrome.



Up to 35ft of night vision

Infrared LEDs

Specifications

Image sensor	1/4" CMOS Color
Horizontal resolution	400 TV Lines
Effective pixels	640(H)*480(V) NTSC
Weather-proof	IP45
Backlight	Yes
Focal length	6mm
Viewing angle	35 Degree
Number of IR LEDs	18 LEDs
IR range	Up to 35ft
Min. illumination	0.5lux (IR off), 0lux (IR on)
Video output	1.0Vp-p/75 Ω (composite)
Microphone	No
Signal/Noise ratio	>48dB
Operating temperature	-10°C ~ 50°C /14°F ~ 122°F
Operating humidity	98%, RH≤95
Power consumption	300mA
Power supply	DC 8, 500mA (positive inside)
Dimensions (LxWxH)	9.0" x 6.0" x 6.0"
Weight (G.W)	4.6lb

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