

900 MHz WIRELESS COLOR CAMERA SYSTEM

➔ INCLUDES: VIDEO/AUDIO CAMERA & RECEIVER



CR1916-9 USER'S GUIDE

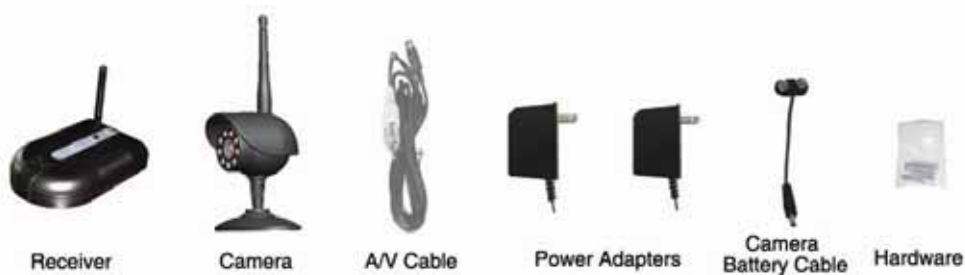
Congratulations on your purchase of the **900 MHz Wireless Color Camera System**. The system consists of a wireless color camera with night vision and an A/V receiver, which is an ideal product for application of monitoring the porch, the yard, the pool, the pets and the baby. It is also suited to small business surveillance application.

FEATURES

- 900MHz wireless technology with WiFi interference free
- Each system supports 2 cameras
- Color camera with good night vision
- Camera can be desktop stand or wall mounted
- Manual or auto switching between cameras
- Adjustable cycle time between different channels
- Sun shield for camera outdoor use

SYSTEM CONTENTS

- Wireless A/V Receiver x1
- Wireless Color Camera x1
- Power Adaptor x2
- A/V Cable x1
- Camera Battery Cable x1
- Hardware Kit x1
- Manual x1



THINGS TO CONSIDER BEFORE INSTALLATION

For best performance, follow these simple guidelines:

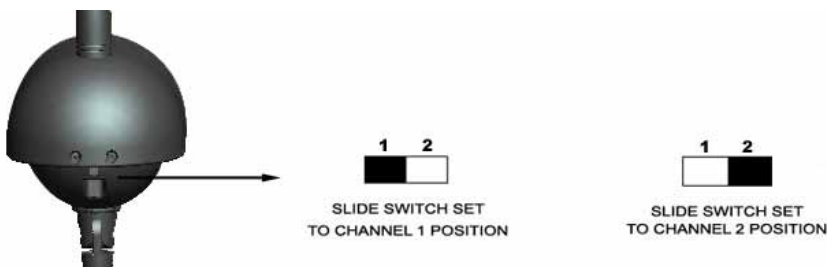
- Camera(s) should be installed between 8 and 13 feet away from the area to be monitored
- Camera(s) should be aimed accordingly to optimize viewing area
- For best transmission, avoid installations where there are thick walls or major obstructions between the camera and receiver

INSTALLING THE CAMERA

1. Unpack the camera.



- Decide whether the camera will be wall mounted or sit on a tabletop. If on a tabletop, install it as it is. If wall mounted, loosen the screw on the bracket and pull the camera out of the base bracket. Then insert the camera to the other hole in the base bracket (as shown in above pictures), then tighten the screw. Use the hardware kit in the package and drill template to mount the base bracket onto the wall. The camera can be adjusted by rotating the camera to required position.
- Plug the power adapter for the camera to a power outlet and connect the other end to the camera.
- Each camera's channel can be set by users. Move the slide switch to position 1 or 2 to set the camera channel



The camera installation is completed.

Night Vision///

The camera includes 8 IR LEDs, which allows viewing more than 20 feet in the dark when used with the power adapter. It can automatically turn to night vision mode in low light.

SETTING UP THE RECEIVER

- Connect the A/V cable to the back of the receiver, the other end (RCA cord) to the A/V inputs of a TV or other viewing and recording devices, the yellow plug to the 'VIDEO IN' jack and the white plug to the 'AUDIO IN' jack.
- Plug the power adapter for the receiver to a power outlet and connect the other end to the receiver.
- Rotate the antenna to vertical position.

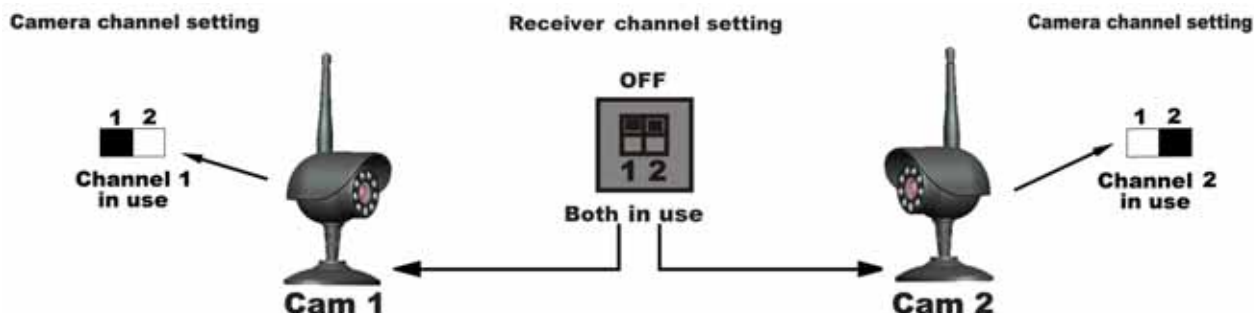
The receiver installation is completed.

OPTIMIZING THE WIRELESS CAMERA SYSTEM

The 900MHz video signals can pass easily through your home's interior walls. And usually a slight adjustment of the receiver antenna can improve the signal reception. Take care not to force the antenna past their lock positions.

TWO CAMERAS OPERATION

This 900MHz Wireless Color Camera System can support 2 cameras. Additional camera is sold separately. When using 2 cameras, please set the 2 cameras to different channels, accordingly the two dip switches located on the back of the receiver should be both switched on.

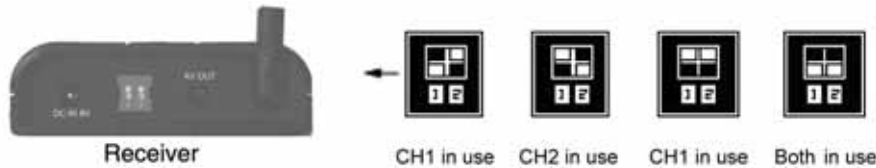


OPERATING THE SYSTEM

The system supports two cameras. Users can switch from one camera to the other one manually or automatically by pressing the buttons on the top panel of the receiver. Be sure that the both dip switches in the receiver should be switched on.

MANUAL MODE///

To select one of the two channels manually, press the **MANUAL** button on the top panel of the receiver. The receiver will switch to a different channel (CAM1, CAM2) each time when the **MANUAL** button is pressed. When you select a channel with an activated camera, the video will appear on TV screen.



AUTO MODE///

To have the receiver automatically switch between the 2 channels, press the **AUTO** button on the top panel of the receiver. The receiver will continuously scan through both channels which are on. The TV screen will display the picture from one camera to the other. The dwell time (time taken to switch between cameras) is preset to 4 seconds and can be adjusted between 2-30 seconds. To adjust the dwell time, press both the **AUTO** and **MANUAL** button simultaneously. Each sound of the receiver increases the dwell time by one second. And the dwell time equals to the number of sound added to one second.

TROUBLE SHOOTING

If you have trouble operating this product, please consult the guide below:	
SYMPTOM	REMEDIES
No camera picture	<ol style="list-style-type: none"> 1. Check all connections. Make sure the adapter is plugged in. Camera(s) and receiver should be switched ON. 2. Ensure camera(s) and receiver are set to correct channel(s). 3. Make sure camera is within range of receiver.
Interference on camera picture	<ol style="list-style-type: none"> 1. Make sure each camera is within range, and that no large obstructions are blocking the signal. 2. Try repositioning the camera, receiver or both to improve the reception quality. 3. If a camera is positioned close to the receiver, point antenna away from the receiver.
Audio problems	<ol style="list-style-type: none"> 1. Ensure the volume is turned up sufficiently on the TV. 2. Make sure the sound is within the microphone range. 3. If the unit emits a loud wailing sound (feeds back), try moving the camera away from the receiver or angle the receiver differently.

SPECIFICATIONS

Camera	
TV System	NTSC
Integrated Lens	5.6mm, F2.0 fixed focus
Resolution	360 horizontal TV Lines
High-Speed Electronic Shutter	1/60 - 1/15,000 sec
Image Sensor	1/4" CMOS
Min. Illumination	0.1 lux
Current Consumption	Approx. 160mA with IR lights on
Overall Size	1.4"Dia x 2.5"H (excluding antenna length)
Frequency	910MHz and 920MHz
Modulation	FM
Signal/Noise Ratio	48dB
Case Finish	ABS Plastic
Receiver	
Frequency	910MHz and 920MH
Signal/Noise Ratio	48dB
Operating Temperature	-10°C to +40°C
Output	Audio/Video
Humidity	Less than 85%
Current Consumption	Approx. 100 mA
Overall Size	3.25" W x 1.0" H x 5.0" D

Approvals

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.

FCC NOTE

The manufacture is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

WARRANTY

This product has a one year manufacturer's warranty which covers parts and labor only. In the Unlikely event that you encounter a problem, the unit should be returned to the place of purchase.

Drilling Template for Wall Mounting Camera(s)

For wall-mounting Camera (s), drill two holes using a 1/4" drill bit and the template below. Insert supplied wall anchors into holes and secure Camera to wall with supplied screws.

