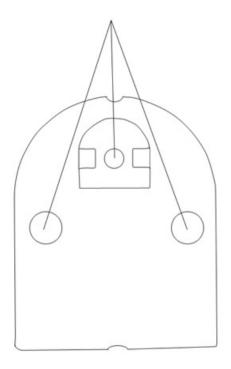
# Drilling Template for Wall Mounting Camera(s)///

For wall-mounting Camera (s), drill three 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.



# INDOOR/OUTDOOR

# 900MHz WIRELESS CAMERA SYSTEM

INCLUDES: VIDEO/AUDIO CAMERA TRANSMITTER & MONITOR/RECEIVER



Congratulations on your purchase of the 900MHz **Wireless Color Camera system**. The system consists of a wireless A/V receiver and a wireless Camera, an ideal product for application of covert monitoring, such as the porch, watching the yard, pool, pets or the baby. It is also suited to small business surveillance application.

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## **FEATURES**

- 900MHz wireless technology
- Color camera with night vision
- Both audio and video output
- Supports up to 2 cameras
- Manual or auto switching between cameras
- Adjustable cycle time between different channels
- AC power adaptor or battery operation
- Weatherproof construction( IP54 standard) for outdoor use
- WiFi interference free

#### SYSTEM CONTENTS

<ul> <li>Wireless A/V receiver</li> </ul>	x1
Wireless Camera with night vision	x1
Power adaptor	x2
•Adaptor 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 above the area to be

Receiver	
Frequency	910MHz, 920MHz
Signal/Noise Ratio	40dB
Operating Temperature	-10°C to +40°C
Output	Audio/Video
Humidity	Less than 85%
Current Consumption	Approx. 150 mA
Overall Size	2.5"L *3.4"W*0.5"H"

#### 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 manufacturer 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.

	Make sure each camera (transmitter) is within
	range, and that no large obstructions are blocking the
	signal.
Interference on	2. Try repositioning the camera, receiver or both to
camera picture	improve the reception quality.
	3. If a camera is positioned close to the receiver, point
	antenna away from the receiver.
	Ensure the volume is turned up sufficiently on the
	TV.
	Make sure the sound is within the microphone
Audio problems	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	PAL or NTSC	
Resolution	360 horizontal TV Lines	
Signal/Noise Ratio	48dB	
High-Speed Electronic Shutter	1/60 - 1/15,000 sec	
Image Sensor	1/3" CMOS	
Min. Illumination	0.1 lux	
Current Consumption	150mA	
Overall Size	2.36"L×1.69" Diameter	
Frequency	910MHz, 920MHz	
Modulation	FM	
Video Signal/Noise Ratio	48dB	
Audio Signal/Noise Ratio	45dB	
Case Finish	Metal Aluminum case, suited for indoor or	
	outdoor use	

#### monitored

- The Camera 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 (TRANSMITTER)**

- 1. Unpack the Camera.
- 2. Decide whether the Camera will be wall-mounted or sit on a desk/table top. If wall mounting, use the hardware kit in the package. The Camera can be adjusted for either mounting scenario by rotating the Camera to the required position.





DESK TOP

WALL MOUNTING

- 3. If using the 9V camera power adapter, just connect power jack. Make sure the Camera is positioned no more than 5 1/2 feet from an AC power outlet.
- 4. Each camera's channel number can be set by user, screw the lens part of camera to open the lens cover, and then could set the camera's channel number. After finish setting the channel, screw the lens cover on.
- 5. The Camera (Transmitter) installation is now complete.

## Night Vision///

The Camera includes IR LEDs, which allows viewing up to 12 feet in the dark when used with the adapter. It can automatically turn to night vision in low light.

## **SETTING UP THE RECEIVER**

- Connect one end of the cable to the back of the receiver, the another end (RCA cord) to your television's A/V inputs, the yellow plug to the VIDEO IN jack and the white plug to the AUDIO IN jack.
- 2. Plug the receiver power adapter into the 9V DC power jack on the back of the receiver and plug the power adapter into any **120 V/240** V power outlet.
- 3. Place the receiver either on top or near to your TV. Rotate the antenna to a vertical position.

#### **OPTIMIZING THE WIRELESS CAMERA SYSTEM**

The 900MHz video signals pass easily through your home's interior walls, but the signal may be reflected by power wires or plumbing inside the wall. Usually a slight adjustment of the Receiver and/or Camera antenna will improve reception. Take care not to force the antennas past their lock positions.

## **MULTI-CAMERA OPERATION**

Our wireless 900MHz Camera system is designed to work with up to 2 Cameras. Additional Cameras are sold separately.

IMPORTANT: When using more than one Camera, please check channel number on package, make sure it is exclusive to each camera. Accordingly the dip switch located on the back of the Receiver should be adjusted to reflect the channels in use.

#### **OPERATING THE SYSTEM**

Set your TV to monitor the VIDEO INPUT designated for the Receiver. The receiver can support up to two different camera/transmitter signals. You can switch from one camera to the next either manually or automatically via button on the top panel of the receiver.

#### MANUAL MODE

To select one of the two channels manually, press the MANUAL button on the panel of the receiver.

The receiver will switch to a different channel (CAM1, CAM2) each time when the MANUAL button is pressed. To avoid searching channels that do not have

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cameras/transmitters assigned to them, set the DIP switches (located on the rear panel of the receiver) for those corresponding channels to the OFF position (up). When you have selected a channel with an active camera, that video will appear on your TV screen.



## **AUTO MODE**

To have the receiver automatically rotate through the channels, press the AUTO button on the top panel of the receiver. The receiver will continuously scan through all channels which are ON. To avoid searching channels that do not have cameras/transmitters assigned to them, set the DIP switches for those corresponding channels to the OFF position. The monitor will display the picture from one camera to the next. 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 flash of the LED increases the dwell time by one second.

TROUBLE SHOOTING  If you are having trouble operating this product, please consult the guide below:		
SYMPTOM	REMEDIES	
No camera picture	Check all connectors. Make sure camera(s) and receiver are switched ON.     Ensure camera(s) and receiver are set to correct channel(s).     Make sure camera is within range of receiver.	
Blank monitor	<ol> <li>Make sure receiver is switched ON.</li> <li>If using AC adapter, make sure it is plugged in.</li> </ol>	

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