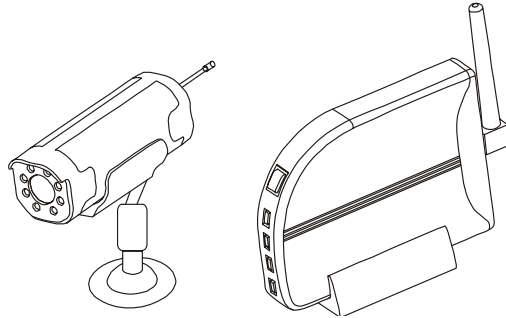


**USER'S
INSTRUCTIONS**

2.4 GHz WIRELESS COLOR CAMERA SYSTEM

PORTABLE WIRELESS
COLOR CAMERA & RECEIVER

MODEL CW3510



**WISECOMM
LOGO**

IMPORTANT SAFETY PRECAUTIONS

- To prevent fire or shock hazard, do not expose this product to rain or moisture.
- To avoid electrical shock, do not open the case of this product.
- Operate this product using only the power supply included.
- Do not overload electrical outlets or extension cords, this can result in fire or electric shock.
- Keep this product away from the microwave oven, near high voltage and high temperature area, otherwise the battery inside the camera may cause explosion or fire.
- Do not expose this product in direct sunlight or strong reflected rays.
- Refer servicing to qualified personnel only.
- Do not change or modify this product, the warranty terms will be voided.

NOTE

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

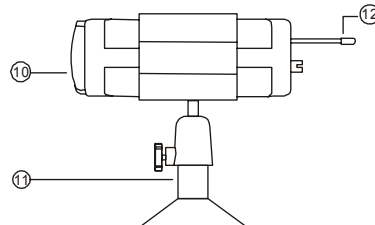
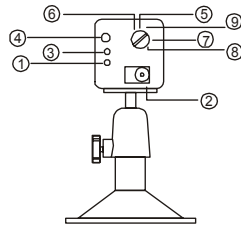
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

HOW TO USE CW3510 FOR OPTIMAL PERFORMANCE

- 1 ☐ CW3510 should be placed on a flat, stable surface to prevent damage to it from falling.
- 2 ☐ For maximum operating range, try to minimize the number of obstacles (TV, other electronics, large steel structures) between the transmitter and the receiver units.
3. Avoid pointing the camera directly into light or extreme sunlight. This will interfere with your ability to obtain a proper image
4. To receive optimum image performance, always make sure lenses are kept clean.
5. This camera is not waterproof. Do not use in wet or high humidity environments, as this can cause damage or electrical shock.

WIRLESS CAMERA-----CW3510TX



1.CHARGE LED (RED)

Indicates that the built-in battery is being charged.

2.POWER JACK (DC 5V)

Plug the 5V adapter (supplied).

3.POWER ON LED (GREEN)

Indicates that the power is ON or OFF.

4.ANTENNA

Sends audio and video signals.

5.POWER OFF

When the switch is at this position, the power is off.

6-9. CHANNEL SELECTION KNOB

Must select the same channel on both transmitter and receiver.

10.IR LED

Help work at night and dark Place.

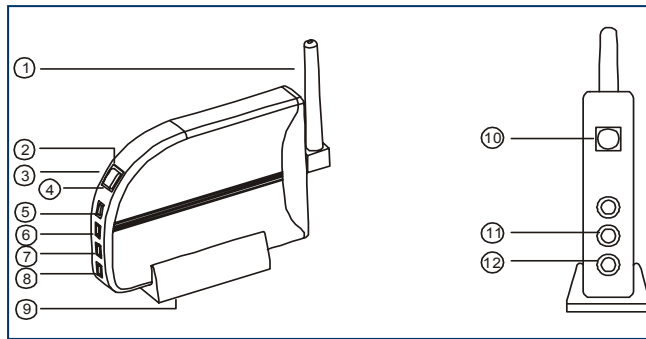
11.Universal mounting bracket

Make the camera to work at any .direction.

12. Antenna

Sends audio and video signals.

WIRELESS RECEIVER---CW3510RX



1.ANTENNA

Receives the audio and video signals.

2. POWER INDICATOR

The red LED is lit when the power is on.

3.CHANNEL SELECTION BUTTON

Use to find optimal reception. Must select the same channel on both transmitter and receiver.

4.AUTO SWITCHING INDICATOR

The yellow LED is lit when in the sequencing mode.

5.CH 1

This light is lit when CH1 has been selected

6.CH 2

This light is lit when CH2 has been selected

7.CH 3

This light is lit when CH3 has been selected.

8.CH 4

This light is lit when CH4 has been selected.

9. BRACKET

For the receiver to stand

10.POWER ON/OFF SWITCH

Switch for the power On/off.

11.DC IN

Plug the 8V adapter (Supplied).

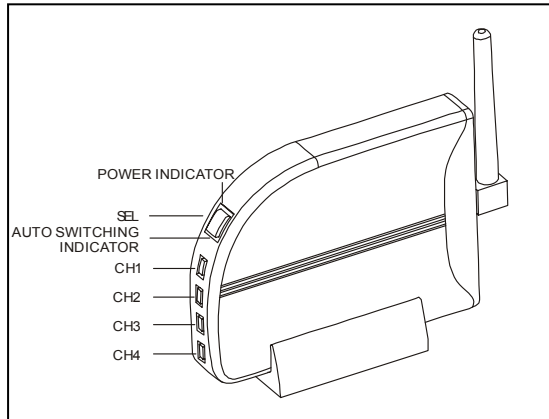
12.AV (AUDIO/VIDEO) OUTPUT JACK

Connect the supplied A/V cable to the jack.

Plug the yellow colored RCA to the VIDEO IN on the monitor/TV and the white colored RCA to the AUDIO IN respectively.

INSTALLATION

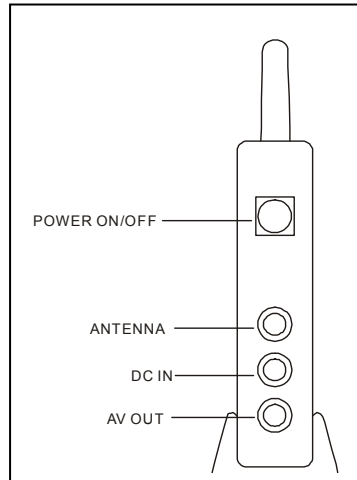
WIRELESS CAMERA---CW3510TX



Change the picture above from RX to TX(camera)

1. Connect the supplied adaptor (DC 5V 700mA) to the DC IN jack on the rear of the camera and plug it into AC power outlet. The red LED (power indicator light) on the back of the camera will be lit and the battery (inside the camera) will be charging (green LED).
2. Charge the battery first for 2 hours prior to use.
3. Select the channel you wish to view.

WIRELESS RECEIVER---CW3510RX



1. Connect the supplied AC adaptor (DC 8V 200 mA) to the DC IN jack of the receiver and plug it into AC outlet.
2. Connect the supplied A/V cable to the jack. Plug the yellow colored RCA to the VIDEO IN on the monitor/TV and the white colored RCA to the AUDIO IN respectively.
3. Turn on the power switch.
4. Press the SEL button to select the same channel as the camera.

OPERATION

■ MANUAL MODE

Select the same channel with the SEL button on receiver as the channel of camera.

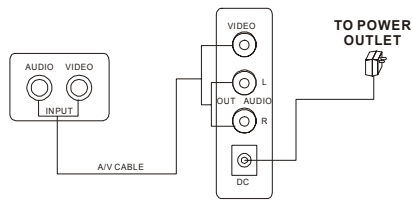
■ AUTOMATIC MODE

Press SEL button on the receiver after CH 4 indicator is lit. It will be in the sequencing mode. **Please check the explanation.**

■ OPERATION WITH TV /MONITOR

1. If your color TV/MONITOR has A/V jacks, connect the supplied A/V cable to TV's A/V jacks and to the A/V jack on the receiver. Be sure to connect the white connector of the A/V cable to the AUDIO IN jack and the yellow connector of the A/V cable to the VIDEO IN jack on the TV or MONITOR.
2. Plug the provided AC adapter (DC 8V 200mA) into the DC jack on the receiver and the other end into AC outlet.
Make sure the POWER switch is in the OFF position beforehand.
3. Locate and orient the receiver to get optimal performance.
4. Be sure the TV/monitor and the receiver are turned on.

TV/MONITOR RECEIVER **REDRAW THE PICTURE**



■ OPERATION WITH TV/MONITOR AND VCR

1. Connect the provided A/V (audio/video) cable to the A/V jack on the receiver and to the jacks on your VCR's A/V jacks.

Be sure to connect the white connector of the A/V cable to the AUDIO IN jack and the yellow connector of the A/V cable to the VIDEO IN jack on the VCR, if the VCR has only a single jack for video input, connect the yellow plug to it.

2. Connect the other A/V cable (not supplied) to the VIDEO OUT and AUDIO OUT jacks on your VCR. Connect the other ends to VIDEO IN and AUDIO IN jacks on your TV/monitor.

3. Plug the provided AC adapter (DC 8V 200mA) into the DC jack on the receiver and the other end into AC outlet.

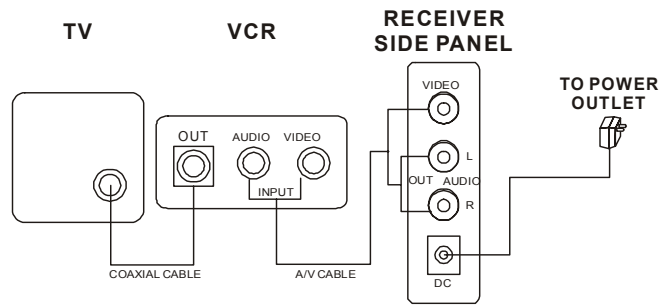
Make sure the POWER switch is in the OFF position beforehand.

4. Locate and orient the receiver to get optimal performance.

5. Be sure the TV/monitor and the receiver are turned on.

- Each VCR manufacturer uses different recording method. Refer to VCR's instructions if it is impossible to setup the menu.

REDRAW THE PICTURE



TROUBLE SHOOTING

If the system does not function properly, check the following points before contacting the service center.

Problems	Cause and remedies	
	Receiver	Camera
No power(no picture/sound)	AC adaptor was not plugged into the outlet properly.	AC adaptor was not plugged into the outlet properly.
Poor reception	Improper antenna direction. Improper channel setting	Check the distance and blocks.
Picture flicking	-----	Strong spotlight in the field of view
Dim picture, picture too bright, too dark	Improper brightness control setting on your TV/Monitor	Lighting source in The field of view
Picture rolls and Jumps. scrambled picture	Improper V-hold control setting on your TV/Monitor	-----
Picture smaller than screen or volume weak	House current may be too low	House current may be too low

1.CHARGE LED (RED)

Indicates that the built-in battery is being charged.

2.POWER JACK (DC 5V)

Plug the 5V adapter (supplied).

3.POWER ON LED

(GREEN)

Indicates that the power is working or not.

4.ANTENNA

SPECIFICATIONS

WIRELESS RECEIVER

Receiving frequency	4CH 2,400 to 2,483MHz
Demodulation	FM
Antenna	50 ohm SMA
Receiving sensitivity	-85dbm
Video output	1VP-P @75 ohm
Audio output	1VP-P @600 ohm
Power supply	DC 8V
Current consumption	180 mA
Lithium battery	500 mAH
Dimensions	???????
Weight	????????

WIRELESS CAMERA

Output level	90db microvolts/meter @3 meter
Operating frequency band	4CH 2,400 to 2,483MHZ
Modulation	FM
Video input level	1.0VP-P @75 ohm
Audio input level	1.0VP-P @600 ohm
Image sensor	1/3" C-MOS sensor

Number of pixels	NTSC, 510 x 492
Resolution	380 TV lines
Scanning system	525 lines, 60 fields/sec
Sync system	Internal sync
Minimum illumination	1.5 Lux/F1.5 & IR LED on: 0 Lux
S/N ratio	More than 45db
Gamma characteristics	0.45
Electronic shutter speed	1/60 to 1,500 sec
Lens	78° wide angle lens
Microphone	Condenser
Lithium battery	500 mAH
Charging time	2 hour
Working time	5 hour
Operating temperature	14°F to 122°F
Dimensions	???????
Weight	???????

Specifications are subject to change without notice.

Basic System Includes

1-2.4 GHz wireless receiver
1-2.4 GHz wireless camera
2-UL approved AC adapter

- 1-A/V (audio/video) cable
- 1-User's instruction
- 1-Warranty registration card
- 1-Camera bracket
- 1-Receiver bracket

LIMITED 1YEAR WARRANTY

This warranty gives the original purchaser specific legal rights and may also have other rights, which vary from state to state. If our products do not function because of any defect in material or workmanship, we will repair free of charges for 1 year on parts and labor from the date of original purchase. This warranty does not cover modification, abuse, incidental or consequential damages unless the state of owner's residence specially prohibits limitations on incidental or consequential damages.

HOW TO OBTAIN FACTORY SERVICE

1. Original purchaser must fill out a warranty card and mail it to the factory with model number, serial number and the date of purchase.
2. We will repair or replace, and return to the owner the system under this limited warranty.
3. Please pack the system carefully and securely using the original packing materials, and send it prepaid and insured to:
13073 E. 166th St. Cerritos, CA 90703

4. Please include a check for \$20.00 to cover the cost of return postage and handling. If the system is returned within the warranty period, please include a proof of purchase. If the system is out of warranty, you will receive an estimate of the repair cost for your approval before repair work will be started.