

# 2.4GHz Wireless Surveillance System

**TRANSMITTER**  
**RECEIVER**



## **PRODUCT FEATURES:**

1. Built-in camera and microphone for viewing and listening.
2. Operating Frequency: 2.4~2.4835GHz ISM band.
3. 4 Channel Monitoring auto scan or manual select.
4. Transmission Max. range (clear line of sight): 300 feet (approx. 100m) STD.
5. No Wire Needed easy use and easy to use and easy to install.

## **APPLICATIONS:**

Home Security, Baby Care, Kindergarten, Office, Factory, Store and Super Market, etc.

## **LIST OF PACKAGED CONTENTS**

1. One transmitter  
**(MODEL: TC-201)**



2. One receiver  
**(MODEL: RX-201)**



3. Two Power adapters:  
Input: 230V~, output: 9VDC 300mA  
One adapter is for transmitter, the other is for receiver



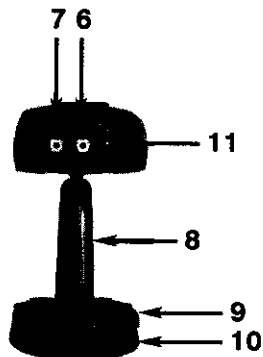
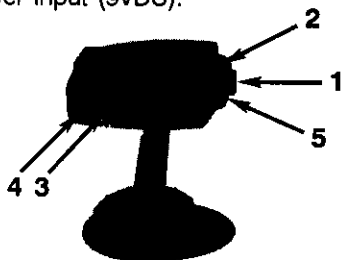
4. One audio/video (A/V) cable.



## FEATURES

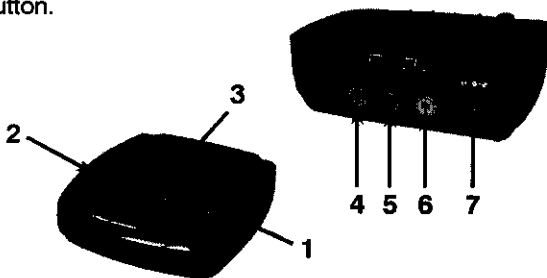
### TRANSMITTER (MODEL TC-201)

1. Camera Lens.
2. Focus Adjustable.
3. Channel Select Slide Switch.
4. Power ON/OFF Slide Switch.
5. Microphone.
6. Audio output. (White)
7. Video output. (Yellow)
8. Prop.
9. Prop TOP.
10. Prop Base.
11. Power input (9VDC).



### RECEIVER (MODEL RX-201)

1. Channel/Scan Selection button.
2. Power ON/OFF button.
3. Channel indicator LED.
4. Video output (Yellow).
5. Right audio output (red).
6. Left audio output (White).
7. Power input (9VDC).

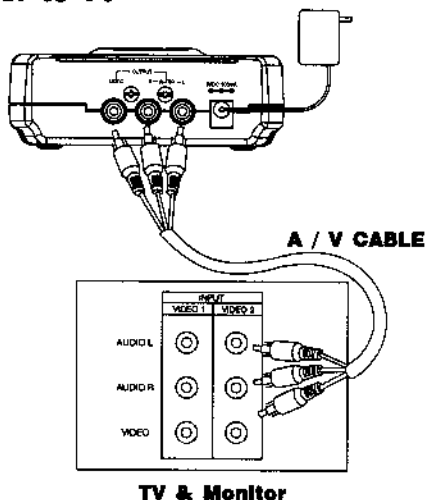


## CONNECTING THE TRANSMITTER

1. The transmitter has 4 channels (4 output frequencies) to choose from. The channel selection uses the slide switch on the transmitter.
2. Adjust the camera angle and position first, then tighten the upper cover to avoid the angle and position changes.
3. Adjust the camera lens focus so that the target picture is sharp.
4. Plug one of the power adapter into the power input jack of the transmitter and into any 230V~ wall outlet, use only the adapter provided. Make sure the ON/OFF switch is in the OFF position, before plug into 230V~ wall outlet.

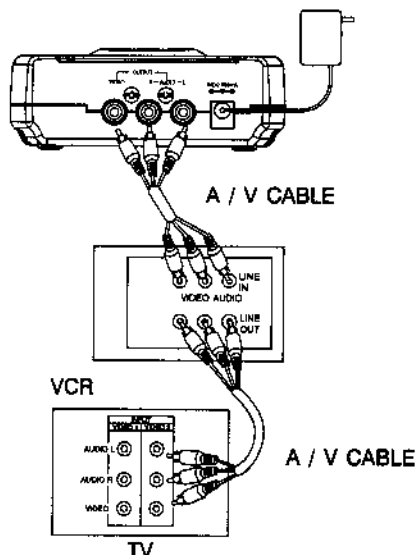
## CONNECTING THE RECEIVER

### Connect receiver to TV



1. The receiver front panel has a CH/SCAN button, a two-function button. When the power is first turned on, it is in the CH (normal) Mode. If press the button for more than 3 seconds, it is in the SCAN Mode, the LED will be flashing.
2. CH (normal) Mode: the receiver has CH 1 to CH 4, 4 input frequencies, to choose from. The input frequency selection is via Tact Switch. Press the switch once changes to the next frequency. (Do not press the switch more than 3 seconds.)
3. SCAN Mode: The receiver has 4 automatic channels to show the scan speed you want to set. The 4 speeds are 3, 5, 7 and 10 seconds. Press once, the scan speed is 3 seconds. Press twice, the scan speed is 5 seconds. Press three times, the scan speed is 7 seconds. Press four times, the scan speed is 10 seconds. Do not press the switch more than 3 seconds.
4. Leave SCAN Mode: Under the SCAN Mode, press the switch for more than 3 seconds, it will leave the SCAN Mode and enter the CH Mode.
5. If the TV has A/V input jacks, connect the A/V cable to the receiver's A/V output jacks and to the TV'S A/V input jacks. Be sure the color must match on both the receiver and the TV. If the TV has only one audio input jack, connect the white plug to that jack.
6. Plug the second power adapter into the power input jack of the receiver and into the 230V~ wall outlet. Use only the adapter provided, make sure the ON/OFF switch is in the OFF position, before plug into 230V~ wall outlet.

## Connect receiver to TV through VCR



1. Connect the A/V cable to the A/V output jacks of receiver and to the jacks of the VCR labeled LINE IN. Be sure the color must match on both the receiver and the VCR, if the VCR has only a single jack of audio input, connect the white plug to it.
2. If the TV has A/V input jacks, connect the A/V cable to the "LINE OUT" of the VCR and to the A/V jacks of the TV.
3. SCAN Mode: The receiver has 4 automatic channels to show the scan speed you want to set. The 4 speeds are 3, 5, 7 and 10 seconds. Press once, the scan speed is 3 seconds. Press twice, the scan speed is 5 seconds. Press three times, the scan speed is 7 seconds. Press four times, the scan speed is 10 seconds. Do not press the switch more than 3 seconds.
4. Plug the second power adapter into the power input lack of the receiver and into the 230V~ wall outlet. Use only the adapter provided. Make sure the ON/OFF switch is in the OFF position, before plug into 230V~ wall outlet.

## NOTES FOR INSTALLING THIS SYSTEM

1. This system is a wireless communication product. The installation location should have no blockage to avoid interfering with transmission and reception. The distance between sender and receiver should be greater than 5 meters to have every sender transmit its best signal strength.
2. Transmitter and receiver in this system are for indoor use only. Avoid outdoor installation because moisture may get inside this system.
3. After installation, if the picture is not clear or the picture is rolling, then the Transmitter location may exceed the effective transmission distance. Please move or change the Transmitter location.
4. The AC adapter, which comes with this system, should not be plugged into the same outlet with other appliances to reduce interference probability.

## SPECIFICATIONS

### WIRELESS RECEIVER: (RX-201)

Video Out.....	RCA JACK, 1Vp-p
Audio Out.....	RCA JACK, 1Vp-p
Receiving Frequency.....	2.4~2.4835GHz
Frequency Stability.....	0.005%
Channel Number.....	4 @ 18MHz/CH.
Channel Scan Time.....	3, 5, 7, 10 Sec.
Power Source.....	120V~ 60Hz / 9VDC, 300mA UL / CSA adapter

### WIRELESS CAMERA: (TC-201MC/P)

#### ■ TRANSMITTER:

Video Out.....	RCA JACK, 1Vp-p
Audio Out.....	RCA JACK, 1Vp-p
Transmitter Frequency.....	2.4~2.4835GHz
Frequency Stability.....	±0.005%
Channel Number.....	4 @ 18MHz / CH.
RF Output Level.....	100dB $\mu$ V by 3 Meters
Power Source.....	120V~ 60Hz / 9VDC, 300mA UL / CSA adapter

#### ■ CAMERA:

Image Sensor.....	1/3" CMOS Color
Picture Element.....	510(H) X 492(V) for CMOS Color, NTSC
Minimum Illumination.....	0.3 Lux
S/N Ratio.....	>48dB(AGC off)
Iris Method.....	Automatic Electronic Control
Gain Control.....	Automatic
White Balance.....	Automatic
Back Light Compensation.....	Yes
Dimension.....	120 X 84 X152(mm)

**Notice :** The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The user manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **FCC INFORMATION**

The Federal Communication Commission Radio Frequency Interference Statement includes the following paragraph:

The equipment has been tested and found to comply with the limits for a 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 instruction, may cause harmful interference to radio communication. 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.

The user should not modify or change this equipment without written approval from JEBSEE ELECTRONICS CO., LTD. Modification could void authority to use this equipment.