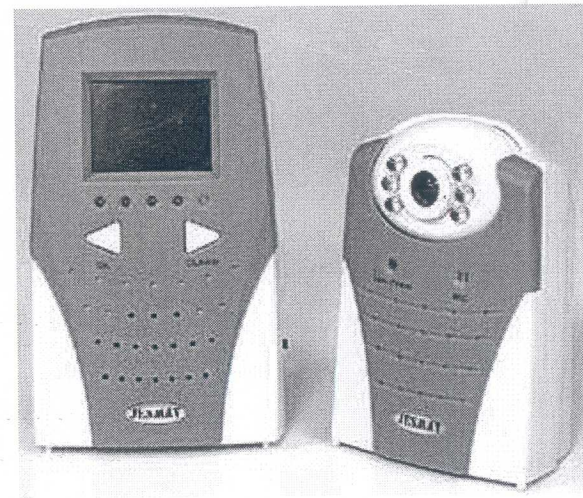


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## 2.4GHz Camera System with Monitor

### OWNER'S MANUAL

(PLEASE READ BEFORE USE)



PLEASE CONSULT THE BACK COVER OF THIS  
OWNER'S MANUAL FOR MODEL AND FEATURE

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## Important-Safety Precautions

This device of which operation is subject to the following two condition

- (1) This device may not cause harmful interference, and
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
- To prevent fire or shock hazard, do not expose this device to rain or moisture. Do not use near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
  - To avoid electrical shock, do not open this device.
  - This device should be operated to use only the power supply included with it or provided as an accessory.
  - Do not overload wall outlets and extension cords as this can result in the risk of fire or electrical shock.
  - Do not attempt to service this device yourself. Refer servicing to qualified Personnel only.

**Caution:** Changes or modifications not expressly approved by the Party responsible for compliance could void the user's authority to operate the equipment.

### NOTE:

This 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, or CE R&TTE directive. 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, if not installed and used in accordance with the instruction, it 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:

## Checking Contents of Box

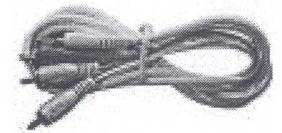
Checks to make sure that all of the items shown as below are included with your 2.4GHz Wireless Monitor System. If something is missing, please contact your dealer as soon as possible.



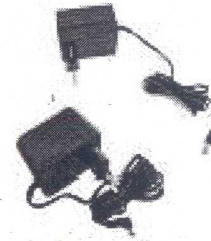
1



2



3



4



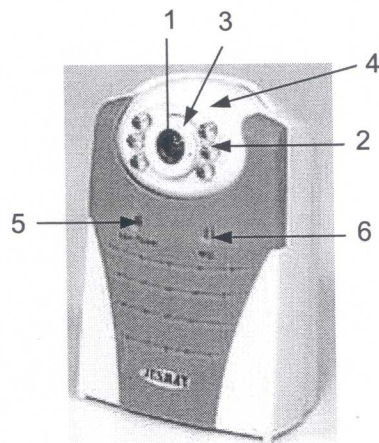
5

1. One wireless camera
2. One wireless receiver with monitor
3. One Audio/Video cables
4. Two power adapters
5. One owner's manual in English



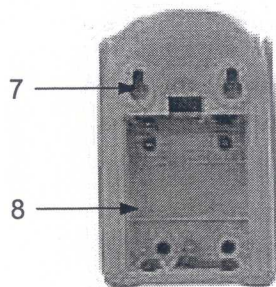
## Product layout

### Camera



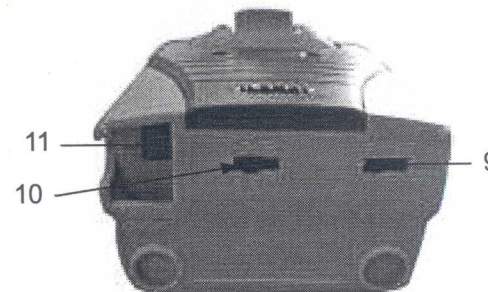
**Front view of camera**

1. 1/3" CMOS color image sensor
2. 6 IR LEDs to provide infrared light for night vision.
3. Focus knob: manual focuses image
4. Lens Body: rotates up to 120 degrees
5. Low power indicator LED: when the LED light, that indicates battery power is failure, please renew battery for function guarantee.
6. Microphone



**Rear view of camera**

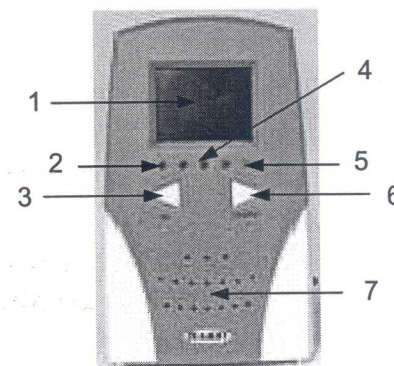
7. Mounting Hole
8. Battery compartment



**Bottom view of camera**

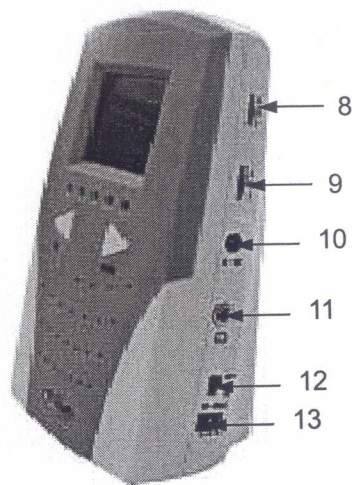
9. OFF/ON/IR: power ON/OFF switch and night vision on switch
10. Channel Switch
11. 7.5V power adapter plug

### Receiver



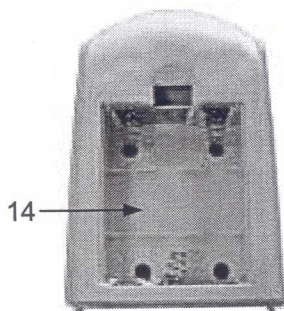
**Front view of receiver**

1. 1.8" TFT-LCD monitor
2. Channel LED indicator
3. Channel control button
4. Alarm LED indicator
5. Low power indicator
6. Alarm ON/OFF button
7. Speaker



Side view of receiver

- 8. Brightness controller
- 9. Volume controller
- 10. AV out: Audio/Video output jack
- 11. Earphone jack
- 12. Power ON/OFF switch
- 13. 7.5V power adapter plug



Rear view of receiver

- 14. Battery compartment

## Setting up

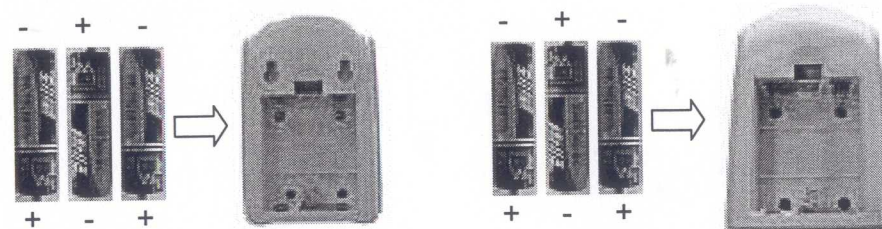
Before you make the connection:

Always make sure the unit ON/OFF switch is in the OFF position.

Set the channel switches on the bottom of the camera (CH SW) the front of receiver (CH) to the same channel.

## Power supply

The device use either 3 batteries (AA Size) or AC power adapter included with it.



- Open the battery compartment cover in the direction of the arrow
- Insert batteries so their (+) and minus (-) ends are facing as shown in the illustration.
- Close the battery compartment cover, make sure the battery compartment cover is locked secure.



- Never mix old batteries with new ones.
- Remove batteries from the camera if you do not plan to use it for a period of time.
- When the low power LED indicator of camera or receiver light, that indicated the battery power is failure, please renew battery for function guarantee.

## Using AV Power adapter

Plug one end of the provided power adapter into a wall outlet and the other end into the bottom of camera (7.5V power adapter plug) or the side of receiver (7.5V power adapter plug)

Slide the power switch of camera and receiver to the ON position.



## Setting up camera

- Adjusting the lens orientation

Place the camera in a convenient location, point the lens towards the observation area and adjust the angle by rotating the lens body.

- Fine Tuning focus

Adjust the focus knob for optimum image.

## Setting up receiver

### ■ Channel setting

- CH1 will be selected by pressing CH button one time, then CH channel LED indicators will flash one time.
- CH2 will be selected by pressing CH button one time again, then CH channel LED indicator will flash two times.
- CH3 will be selected by pressing CH button one time again, then CH channel LED indicator will flash three times.
- CH4 will be selected by pressing CH button one time again, then CH channel LED indicator will flash four times.

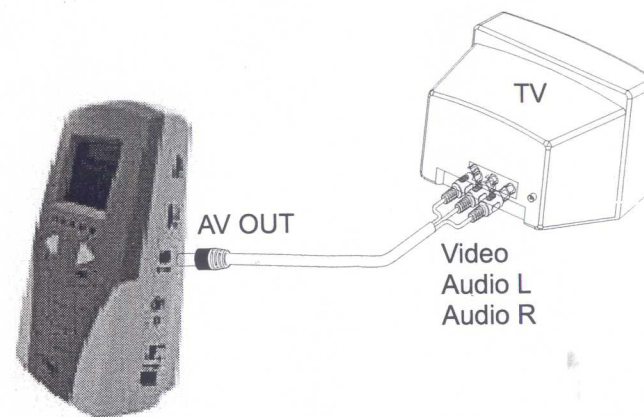
### ■ Using Alarm function

- Pressing the Alarm button one time, 3 Alarm LED indicators will light and display screen will shut off, then the receiver will come into Alarm state.
- When the camera is activated by a sound, the receiver will release a beep sound, 3 Alarm LED indicators will flash and display screen will open at the same time until the sound from camera stop.
- Pressing the Alarm button once more, then 3 Alarm LED indicators will go out display screen will open, the receiver will come into normal state again.

### ■ Connecting the Receiver to a TV

Connect one set of Audio/Video cable to AV out jack of the receiver.

Connect the other end of the cable to the Audio/Video jacks on the TV labeled line matching the plug color with the jacks on the TV.



## Troubleshooting

Please read this owner's manual carefully and follow the steps described in it, if you still have difficulties, consult the following solution it will guide you through the most common problem and their solutions.

### 1. If you are not setting any signal at all

- a. Check the power ON/OFF switches on the camera and receiver.
- b. Make sure power plugs are pushed all the way in.
- c. Check the channel switch on both camera and receiver are set to the same number.
- d. If you connect the receiver to a TV, check the cable connections.

### 2. If the signal is poor, or there is interference

- a. Change the channel on both camera and receiver and make them the same.
- b. Make sure the camera and receiver are within range (up to 100m at open site)
- c. If there is a microwave oven in use in the path between the camera and receiver, remove the microwave.

## **Care and maintenance**

- Camera performances can be adversely affected by fingerprints or dirt on the lens surface, avoid touching the lens surface with your fingers.
- Should the lens become dirty, use a blower to blow off dirt and dust, or a soft, dry cloth to wipe off the lens.
- Keep dry, precipitation, humidity, and liquids, contain minerals that will corrode electronic circuits.
- Do not use or store in dusty, dirty areas. Moving part may be damaged.
- Do not store in hot areas. High temperatures can shorten the life of electronic devices and warp or melt certain plastics.
- Do not store in very cold areas. When the wireless camera system warm up (to its normal temperature), moisture can form inside the case, which may damage electronic circuit boards.
- Do not attempt to open the case. Non-expert handling of the device may damage it.
- Do not drop, knock, or shake it. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents when cleaning. Wipe with a soft cloth slightly dampened in a mild soap-and-water solution.
- If the wireless camera system is not working properly, take it to your nearest qualified service facility, the personnel there will assist you, and if necessary, arrange for service.
- Operate this product using only the power supply included with it or provided as an accessory.
- Do not overload electrical outlets or extension cords as this can result in fire or electric shock.

## **Technical specifications**

### **Camera transmitter**

1. 1/3" CMOS color image sensor (PAL or NTSC)
2. Transmit Frequency: 2.400-2.483GHz (4 channels)
3. Output power (max.): 0dBm (FCC); 10dBm (CE)
4. Operational range: up to 100 meters (open air situation)
5. Modulation: FM
6. Channel design: PLL frequency synthesizes
7. Antenna: built-in omni-directional antenna
8. Power consumption (max.): 1.8 Watts
9. Power supply (optional): 230VAC to 7.5VDC, 300mA  
or 120VAC to 7.5VDC, 300mA  
or 3AA Battery
10. Dimension: 80mm×50mm×130mm
11. Weight: 135g

### **Receiver**

1. Receiver Frequency: 2.400-2.483GHz (4 channels)
2. Receiver sensitivity: -80dBm
3. Channel design: PLL frequency synthesizes
4. AV output port: one RCA or SCART with cable
5. Antenna: built-in omni-directional antenna
6. Power consumption (max.): 2 Watts
7. Power supply (optional): 230VAC to 7.5VDC, 500mA  
or 120VAC to 7.5VDC, 500mA  
or 3AA Battery
8. Dimension: 71.5mm×44mm×105mm
9. Weight: 185g

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

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user' s authority to operate the device.