2.4GHz Wireless

Baby Monitor Camera

Users Manual

GENERAL SAFETY SUMMARY

CAUTION

RISK OF ELECTRONIC SHOCK DO NOT OPEN

CAUTION:

DO NOT REMOVE THE COVER FOR REDUCING THE RISK OF ELECTRIC SHOCK.

NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING

To prevent fire or shock hazard , do not expose the unit to rain or moisture.

IMPORTANT SAFETY INSTRUCTIONS

1. All the safety and operating instructions should be read before the product is operated.
2. The safety and operating instructions should be retained for future reference.
3. All warnings on the product and in the operating instructions should be adhered to.
4. All operating and use instructions should be followed.
5. Unplug this products from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for the cleaning.
6. Do not use attachments not recommended by the products manufacturer if they may cause hazards.
7. Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool; and the like.
8. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type or power supply to your home, consult your product dealer or local Power Company.
   For products intended to operate from battery power, or other sources, refer to the operating instruction.
10. Power supply cord should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, or other sources, refer to the operating instructions.
11. For added protection for this product during a lightning storm, or it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect cable system. This will prevent damage to the product due to lightning and powerline surges.
12. Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electronic shock. Never spill liquid of any kind on the product.
13. Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
14. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions.
    - When the power- supply cord or plug is damaged.
    - If liquid have been spilled, or objects have fallen into the products
    - If the product does not operate normally by following the operating instructions, adjust only those controls that are covered by the operating instructions as an improper adjustment of other control may result in damage and will often require extensive work by a qualified technician to restore this product to its normal operation.

- When the product exhibits a distinct change in performance - this indicates a need for service.
- If the products has been dropped or damaged in any way.

15. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
16. Upon completion of any service or repair to this product ask the service technician to perform safety checks to determine that the product is in proper operating condition.
17. The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products including amplifiers that produce heat.
18. Power adaptor should use standard accessories to avoid voltage and electric current not compatible.
19. As follows objects may interfer our 2.4GHz products:
    a. Microwave
    b. WLAN
    c. Bluetooth
    d. 2.4GHz Codeless phone
    e. Other products are in the same frequency

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Overview

The Wireless Surveillance System with CMOS Images and four channels available is just as your home and company monitoring. Special design for home and office surveillance demands with IR LED Illuminator to enhance night vision can secure your surroundings all day long. 2 AA rechargeable batteries adequately supply 4 hours long working time, power supply and charging circuit design help you to charge the battery or make the camera proper working without interrupt. Easy to install, unequal quality and reliability make you have delighted and secure life.

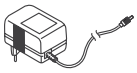
Features

- Operating frequency of ISM band 2.4 ~2.4835 GHz
- With 8 IR LED Illuminator
- Photo Transistor sensor for lighting detection
- Built-in Microphone for Audio Monitoring
- 4 channels selectable
- Both of Ni-MH/Ni-Cd rechargeable battery and power adaptor 8V/300mA
- 2xAA rechargeable batteries up to 4 hours
- Charging circuit designed
- Two direction hinge at the camera base to easily watch over
- Range up to 100m (L.O.S.)
- Charging circuit design

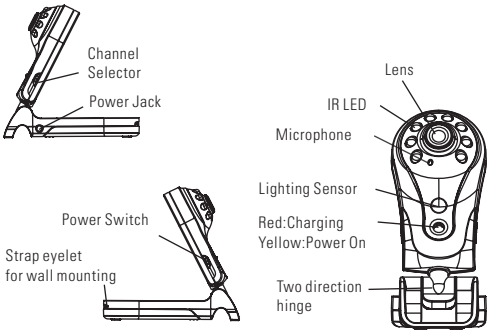
Package Contents

Check the package according to what you bought.

- Camera (X1)
- Power Adaptor (X1)
- Users Manual (X1)
- 1.5V AA ALKALINE battery (X2)

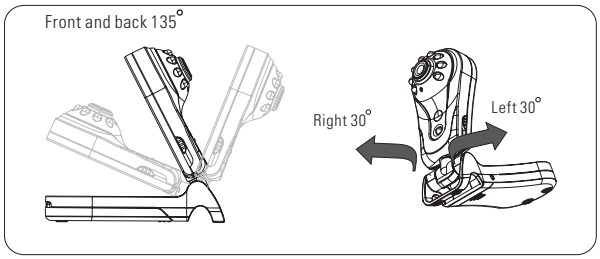


Names of parts



Operation

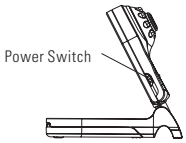
Swivel-design at camera base



Power Switch at Four Mode

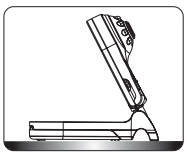
Up to Down

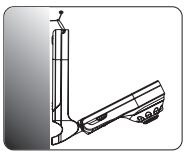
1. Charging mode(only in charging)
2. Camera with IR LED function (night vision)+charging
   < In this mode, only can use power adaptor to supply the power>
3. Camera+charging
4. Power off



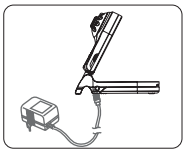
Setting up

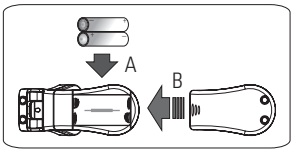
Installing the Wireless Camera



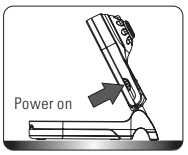


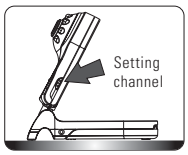
1. Put the camera on a flat or hang on the wall.



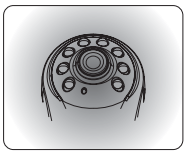


2. Simply supply the camera power by power adaptor or 2x AA batteries.





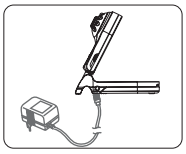
3. Turn on the power of camera, and the power LED will light up in green.
4. Set up the channel.(one to four channel)



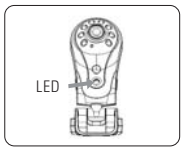
5. The wireless camera has designed in eight IR LED illuminators turned on by Photo Transistor brightness detecting to catch clear images in the unlit environment. This warm-hearted design is to assist the requests of both the night vision and power-saving.

Charging the batteries

The camera is made to work by power from 2*AA size batteries(1.5v) or a power adaptor. Rechargeable batteries are always chosen the level of 1.2V/2000mAh.



Plug power adaptor into DC jack to charge rechargeable batteries when batteries' power is at low level.



The LED will light up in red when the batteries are being charged.

Trouble Shooting

Please read this users manual carefully before using the Wireless Camera. If you still have difficulties to use the product, consult the following syndrome, which will guide you to solve most common problems.

No picture or sound

1. Check the power supply.
   - Ensure the product is properly connected and set.
   - Ensure that product power indicator is illuminate.
2. Make sure the batteries have been inserted into product's battery compartment.
3. Make sure the batteries are full charged.
4. Check both of the product is surely turned on.
5. Make sure the power cables are connected rightly if you use power adaptor.
6. Check volume level is set properly for desire.
7. Shorten the transmission range/distance between the transmitter and receiver and/or adjust the video camera.
8. Make sure if the sender and receiver are in the same channel.

Unclear picture reception

1. Check to ensure the receiver channel is set properly for the desired video camera.
2. Shorten the transmission range/distance between the transmitter and receiver.

Specification

Item	Description	
Scanning System	2:1 Interlace	2:1 Interlace
	NTSC	PAL
Image Sensor	1/3"CMOSImage Sensor	
Number of Pixels	250K	365K
Efficiency Pixels	510(H) x 492(V)	628(H) x 582(V)
Horizontal Scan Frequency	15750Hz	15625Hz
Vertical Scan Frequencyl	60Hz	50Hz
Synchronize	Internal	
Resolution	More than 300 TV Lines	
Min. Illumination	3 LUX (F1.2)	
S/N Ratio	More Than 45dB	
Auto Electronic Exposure	1/60 ~ 1/2000 seconds	1/50 ~ 1/2000 seconds
White Balance	Auto	
Supply Voltage	8VDC	
Operation Environment	-10°C ~ 50°C	
Lens (Optional)	1.0Vpp/600Ω load for Mono	
IR LED ON/OFF State	ON: Under 10Lux	
	OFF: Over 15Lux	
Wave-Length	850nm	
Power Consumption	100mA(camera only), 180mA(camera+IR LED), 280mA(camera+IR+battery charge)	
LED Number	8	
IR LED illuminate Range	6m	
Output power of Tx module	+10 dBm (min.)	
Battery	Ni-MH AA x 2	

Federal Communication Commission Interference Statement

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. 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 thatinterference 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 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.

FCC Caution :To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

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.

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