Видеоняня (WiFi Baby Monitor)

Артикул: DE-W240

distortion	
SNR	46dB
Receiving Sensitivity	-96dBm@BER=1e-3
Night vision range	2—3 meters
Operating Humidity	20--80% RH
Operating Temperature	0℃--60℃

Signal Indicator:

Signal Strength Indicator	Description
	Perfect Signal
	Low Signal
	No Signal

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2.4G Wireless

Digital Color

LCD Baby Monitor Kit

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Note:

1:Please do not operate in high temperature,high magnetic field and strong light field.

2:Use the designated power adaptor and battery in case any serious damage of this product

3:Do not put this product in those places which the temperature is extremely low or high.

4:Please turn off the power when you do not use this product.

5:Please avoid water and dust.

6:Please do not use thinner or other chemicals to wipe this product

7:This product is designed for baby,please try to use it in interior.And it will reduce the display effect under strong light.

8:The AC adaptor is for indoor use only.

Main Function

•Adopt 2.4GHz Frenquency transmission , accord with FCC,CE Standard ;

•With high resolution 2.4" LCD display screen ;

•Have operation text menu display function ;

•Support one receiver can connect 4 transmitters ;

•Long-distance transmission:Up to 200-300m in the open air;

•Clear night vision function,24 hours real-time monitoring ;

•Half-duplex Voice Transmission ,clear voice, volume of sound (0~10) is adjustable ;

•Vox Alarm function , when the volume of the baby side over the fixed

software volume,it will alarm the LCD monitor (screen will turn off automatically,and then turn on with sound), to remind parents to pay more attention to the status of the baby.

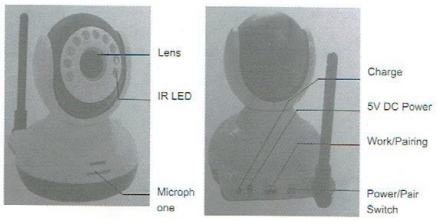
•Monitor with TV Out function,support TV display;

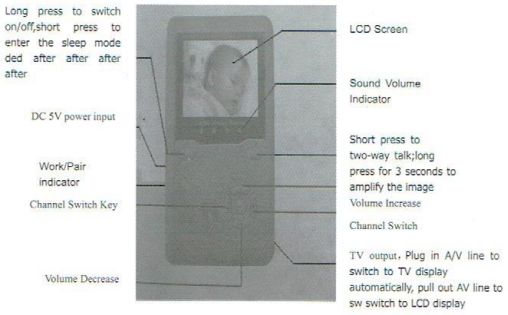
•Monitor with real time function,and display real time information;

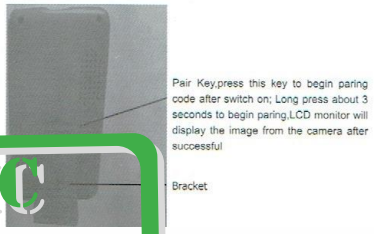
•Camera and monitor use lithium batteries, it is convenient for portability.

•With pairing code function: make pairing through the pairing code key of the monitor and camera;

•Receiver with belt buckle clip, easy to carry.







Function Introduction

2.4GHz Wireless Camera Illustration

2.4 Inch LCD baby monitor Illustra

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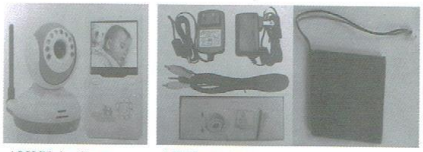
2.4GHz Wireless Camera



1 PCS Wireless Camera
1 PCS Wireless LCD Receiver

2 PCS Power Adapters
1 PCS AV Cable
1 PCS Manual Instruction

1 PCS lithium battery for camera use

Standard Package Contents

5V DC Power adapter	2PCS
2.4G Wireless LCD Baby Receiver	1PCS
2.4G Wireless Camera	1PCS
Manual Instruction	1PCS
AV Cable	1PCS
Lithium battery for camera	1PCS

Operating Instructions

The camera and receiver use external power supply or lithium battery. short press the Power/Pair key of the camera to switch on, work indicator light is on;After switching on, long press the Power key of the receiver for 3 seconds,appear switch-on scene,then enter to preview scene. Press the Power/Pair key to make paring code,and the LCD monitor will have paring prompt.Also,the work indicator light beside the power jack flash,then long press the camera' s Power/Pair key for 3 seconds,work indicator flash and make paring,the LCD monitor will display the image from the camera after successful.

In the preview mode,press up/down key to adjust the volume of the LCD receiver and press left/right to switch the channels.

Menu

In the preview mode, short click OK key to enter the main menu display

- Baby Vol

Baby Vol Mode

In the preview mode, short press OK key to enter the main menu display,the options box stops in the "Baby Vol" option,this mode is to adjust the volume of the camera and to adjust the volume of the LCD monitor when pressing up/down key in the preview mode.Press OK key to enter the volume adjustment, press left and right key to adjust the volume . volume level is vary from 0-100 (10 volume level in total).Press OK Key to confirm and

Effect Mode

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1: Brightness Mode

In the preview mode, short press OK button to enter the main menu display , hen press up/down key to move to the Effect position,and press OK to enter at the same time.Press up/down key to move to brightness mode ,press left/right key to modify the parameters,the brightness level is vary from 0-100 (10 brightness level in total) Press OK Key to return to main menu mode after set up the brightness.Press up/down key to move to exit positon and press OK key to exit main menu and back to preview mode.

Note: The brightness can be adjusted usefully only after receiving the image of camera,and the brightness is the camera's,not the LCD's.

2: Vertical Mode

In the preview mode, short press OK key to enter the main menu display,then press up/down key to move to Effect position and press OK to enter.Press up/down key to move to Vertical,press left/right key to modify and check whether the image is the same as the ON/OFF

ON: Display image normally

OFF:UP/Down image display

Press OK Key to back to m... menu,press up/down key to move...

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Exit position,and press OK key to exit the main menu and back to preview mode.

3: Horizontal Mode

In the preview mode,short press OK key to enter the main menu display,then press up/down key to move to Effect position and press OK key to enter.Press up/down key to move to Horizontal,press left/right key to modify and check whether the image is the same as ON/OFF.

ON: Display image normally

OFF: Left/Right image display

Press OK Key to back to main menu,press up/down key to move to Exit position and press OK key to exit main menu and back to preview mode.

4: Contrast Mode

In the preview mode,short press OK key to enter the main menu display,then press up/down key to move to Effect position and press OK key to enter. Press up/down key to move to contrast position,press left/right key to modify the parameters,the contrast level is vary from 0-100 (10 contrast level in total)

Note: The contrast can be adjusted usefully only after receiving the image of camera.

5: Saturation Mode

In the preview mode, short press OK key to enter the main menu display,then press up/down key to move to Effect position and press OK key to enter. Press up/down key to move to saturation position,press left/right key to modify the parameters,the saturation level is vary from 0-100 (10 saturation level in total)

Press OK Key to back to main menu after set up the saturation parementers.Press up/down key to move to Exit postion and press OK key to exit main menu and back to preview mode.

Note: The saturation can be adjusted usefully only after receiving the image of camera,and it is to adjust the camera' s contrast,the saturation of this camera is fixed, so the parameter won't change when adjusting.

Setup Mode

1: VOX Mode

In the preview mode, short press OK key to enter the main menu display,then press up/down key to move to Setup position and press OK to key to enter.Press up/down key to move to VOX Mode,press left/right key to modify the parameters.There are OFF/LO/HI 3 selection, it will display [---] if there is no image.

OFF:close VOX function, VOX function is useless

HI: VOX high sensitivity,when the LCD enter to sleep mode,the voice of the camera is more than 56 dB ,and the LCD will open automatically, and the screen display "VOX " mark.

2: Auto Sleep Mode

In the preview mode, short press OK key to enter the main menu display , then press up/down key to move to Setup position and press OK to enter.Press up/down key to move to Auto Sleep,and press left/right key to modify the parameters.

OFF: When auto sleep mode is off,short press POWER button to enter the auto sleep mode.

30S/1M/3M/5M/10M : screen-off time selection,the LCD monitor will enter auto sleep mode according to the setup time.When the LO/HI of vox mode is on, the voice volume of the camera is more than the set-up volume,the LCD will light on automatically.

3: TV OUT Mode

In the preview mode, short press OK button to enter the main menu display , then press up/down key to move to Setup position and press OK key to enter.Press up/down key to move to TV OUT TV system output mode,press left/right key to modify the parameters, PAL-M/NTSC-3.58 / PAL/NTSC-4.43 four TV systems for selection.

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ZOOM Mode

In the preview mode,long press TALL/ZOOM Key for 3 seconds,a magnifier icon is displayed on the LCD,press up/down/left/right key to move the image display area, then short press TALL/ZOOM Key to exit Zoom mode display.

TIME Set

In the preview mode,long press OK Key for 3 seconds to enter into time setup,Press up/down key to set up the parameters,and set up the hour first and then press OK key to skip to minute setup ,press up/down key to modify the parameters,after setup,press OK key to exit time setup.

Pair Process

LCD Monitor with power and switch on,and camera should be with power and switch on also;

1:Choosing the camera code which is going to pair by Left and Right Key of the Monitor,such as CH1;

2:Press Power/Pair key of Monitor for 3 seconds to make pairing, POWER light will flash ,LCD display " 1# baby Pairing··· "

3:Press the Power/Pair

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and enter into pairing code;

4:After pairing successful,Monitor will display the image from the camera and Power led is on all the time and enter to work status.

If can not pair code, it returns to original code and back to origital state after 15 seconds,

Repeat Step 2 ~ Step 5 to make pairing code of Camera 2,3,4.

Note:Different cameras should choose different channel to code otherwise, it will override other cameras in this channel to code.

Problems & Solutions

1:There are screaming voice if the distance between the camera and monitor is near

Answer: This phenomenon is caused by the acoustical feedback,the audio signal of microphone is gleaned by receiver' s speaker and then the microphone pick up the signal again and transmit them together with camera' s voice,the receiver will have louder voice than before.Therefore,it can cause the formation of self-excited oscillation round and round ,and result in the screaming voice.However,you can solve this problem by turn down the speaker volume or insert the headset into the receiver.

2:No response

Answer:Check whether the battery is with electricity,and confirm whether the device can switch on after connecting the power adaptor.Also,check whether charge LED is on or not.

3: LCD can't display after switch on

Answer:Please Check

whether short press the POWER key so that it has entered to auto sleep mode,then short press the POWER key again to check whether the LCD monitor can display or not.

Parameters

a: Function

Function	Description
Frame Rate	15-25 Frame , Signal strong,frame high
Signal strength indication	6 grade
Voice Volume	10 grade
Talkback	Two-way talk, half-duplex
VOX	Switch on automatically when there is voice
One monitor with 4 transmitters	One receiver with 4 cameras,switch CH display
Realtime clock	Yes,24 hours system
LCD Size	2.4inch 960*240 RGB color LCD
Transmission safety	Use after pair code

b: Electrical parameters

LCD Receiver Voltage	DC: 5V/1000MA; Battery: Built-in 3.6V/700MAH lithium battery
Camera Voltage	DC : 5V/1000MA; Battery:External

	3.6V/700MAH lithium battery
Frequency	2.4GHz ISM Band
Wireless Work Method	FHSS
Transmission Power	19dBm@CW mode
Transmission rate	3Mbps
Operating Range	Open field : 200-300 meter
Work current (Transmitter and receiver)	TX:400mA MAX,RX:400mA MAX(Not include charge current)
Charge current	120-200MA (Transmitter and Receiver are the same)
Work current for Auto sleep	TX:35mA (once every 0.5s) RX:20mA (once every 0.5s)
Audio rate	16K
Audio range	120Hz~3KHz
VOX Power	-56/-60dB@ MIC Input
Camera resolution	0.3 Mega
Picture resolution	320*240QVGA
AV OUT function	5-15 frame VGA from AV Output
Video Rate	15-25FPS
Total harmonic	<5.0%

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