

2.4G Wireless DVR with MPEG-4 Recorder



User Manual

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一. Precautions:

1. Do not dismantle or repair the receiver by yourself
2. Please keep it from water and dust
3. Only the specified AC adapter and prevent it from damaging to the receiver or hurt human body
4. Do not use other power supplies, to avoid serious damage to this product
5. Do not expose this product in the places under extremely low or high temperature.
6. Please shut off the power supply when the product is not used.
7. First use, you must use up power, and then the battery must be charged in the 12-24 hours.

二. Product Feature:

1. 2.4GHz recordable wireless receiver, MP4, USB2.0 port.
2. 2.414GHz, 2.432GHz, 2.450GHz and 2.468GHz, receiving in four Channel.
3. The receiver and transmitter can be used in a pair in the same channel, or used in an one-to-many way in the same channel (one transmitter transmits signals, and several receivers receive in the same channel)
4. NTSC or PAL system AV output
5. LCD display PLA/NTSC Automatically Shift
6. Portable Hardware
7. This product is controlled by min-handler, when the machine is death by unwise use of, please stop it and restart.

三. Accessories:



1	Recordable wireless receiver	1pcs
2	DC5V 1000 mA adapter	1pcs
3	A/V output wire	1pcs
4	A/V input wire	1pcs
5	Earphone	1pcs
6	PC USB connection line	1pcs

Any changes of the above items in the package will not inform in advance!

四. Guidance for Operation

1. Connect to AC power adapter

- Please use the power adapter provided by the manufacture.
- Please play for successively 2~4 hours or more when using the product the first time.
- Before use this product, please charge the battery for 4 hours in order to fully charge the battery

五. Main Manual

Press ↓ key to power ON, to power OFF hold ↓ key for 3 sec.

Simply press ↑ or ↓ key to select the required icon, the press [OK] to enter into the mode. For Exit, just press [ESC] key anytime and go back to Main Menu.

- **Wireless DVR**–Wireless Video Receiver Mode
- **Movie**–Video player Mode
- **MP3**–Music Player Mode
- **Photo**–Photo Album Mode
- **Rec**–AV input Recording Mode
- **Setup**–System Setting

六. Wireless DVR Mode

- Select the [wireless DVR] icon, then press [OK] to enter the wireless DVR Mode to receive video signal.

Video can be saved into Nandflash or SD card, USB Device.

1. wireless video recorder, press ↻ key to select your desired channel
CH1: 2414MHz; CH2: 2432MHz; CH3: 2450MHz; CH4: 2468MHz
 2. Press **REC** key to record the video and audio media.
Press **REC** key again to pause
 3. Press **ESC** key to stop recording.
- After Recording, the file will be kept at file Folder: Movie/DCIM/101VIDEO
The file will be saved as MPEG file in AVI format.

- If the memory is full, recording will stop.
- 4. Press **MENU** key to go to recording setting menu.
 - Time – Set the Interval of Auto Switching Mode
 - Bri – Brightness Setting
 - Con- contrast Setting
 - Col- Colour Setting
 Press **MENU** key again to quite the setting menu.
- 5. Press [DEL] key to set Resolution (640 x 480,320 x 240, 160 x128), press [ok] to select.
- 6. Press ↑or↓ key to adjust volume.

七. Movie player mode

- Select Movie icon from the main menu, then press [ok] to enter.
 1. Press ↑or↓ key to select folder from the list, and then press [OK] to enter.
 - If you wanted to delete a folder or file, select the required folder or file, then press [DEL] key. Then there will have a popup window and asked whether erase the file or not, select [YES] or [NO], and then press [OK]
 2. Once you have select the required playable file, then press [OK] to play
 3. During play mode, press ← or → key to select one of the following icon, and then press [OK] to act
 - ► – Play / Pause
 - ■ – Stop
 - ◀◀ – Fast backward
 - ▶▶ – Play forward
 - |◀◀ – Play previous file
 - ▶▶| – Play next file
- 1. Press [MEUN] key to hide/display the movie controller.
- 2. During play mode, use ↓or↑ key to adjust voice volume
- 3. Once finished playing a file, it will play next file

八. MP3 player mode

- ◆ Select MP3 icon from the main menu, then press [ok] to enter.
 1. Press ↑or↓ key to select folder from the list, and then press [OK] to enter.
 - If you wanted to delete a folder or file, select the required folder or file, then press [DEL] key. Then there will have a popup window and asked whether erase the file or not, select [YES] or [NO], and then press [OK]
 2. Once you have select the required playable file, then press [OK] to play
 3. During play mode, press ← or → key to select one of the following icon, and then press [OK] to act
 - ► – Play / Pause

- ■ - Stop
 - ◀◀ - Fast backward
 - ▶▶ - Play forward
 - |◀◀ - Play previous file
 - ▶▶| - Play next file
4. During play mode, use ↓ or ↑ key to adjust voice volume
 5. Once finished playing a file, it will play next file
 6. Press [MENU] key for Repeat Mode (Repeat once or Repeat all)

九. Photo player mode

- ◆ Select photo icon from the main menu, then press [ok] to enter.
1. Press ↑ or ↓ key to select folder from the list, and then press [OK] to enter.
 - If you wanted to delete a folder or file, select the required folder or file, then press [DEL] key. Then there will have a popup window and asked whether erase the file or not, select [YES] or [NO], and then press [OK]
 2. Once you have select the required playable file, then press [OK] to play
 3. During photo display, press ← or → key to change to previous or next picture

十. REC player mode

- ◆ First connect RCA connector cable to AV Input, then the other end to any RCA output devices, i.e. VCD / DVD player etc.
 - ◆ Select the [REC] icon from the main menu, then press [ok] to enter the REC mode. REC picture can be saved into Nandflash or SD card, USB Device etc.
1. Press REC key to record the video and audio signal.
 - Press REC key again to pause
 2. Press ESC key to stop recording.
 - After Recording, the file will be kept at file Folder: Movie/DCIM/101VIDEO
 - The file will be saved as MPEG file in AVI format.
 - If the memory is full, recording will stop.
 3. Press MENU key to go to recording setting menu.
 - Time - Set the Interval of Auto Switching Mode
 - Bri - Brightness Setting
 - Con- Contrast Setting
 - Col- Colour Setting
 Press MENU key again to quite the setting menu.
 4. Press [DEL] key to set Resolution (640 x 480, 320 x 240, 160 x 128), press [ok] to select.
 5. Press ↑ or ↓ key to adjust volume.

十一. Connect to external equipment

Use AV cord to connect to external equipment

● AV input

1. Connect 3RCA AV connector to the AV input plug of the product, connect 3RCA plug connect to the AV output set (Yellow: Video; White: Audio (L); Red: Audio(R)).
2. Select the [REC] icon, then press [OK] to enter the REC mode to receive video signal from the AV input.

● AV output

1. Connect 3RCA AV connector to the AV output plug of the product, connect 3RCA plug connect to the AV input set (Yellow: Video; White: Audio (L); Red: Audio(R)).
2. Select the setting menu from the main menu, and then press [OK] key to enter. Press ←or→ key to display menu again, and then press [OK] to enter. Select DAL output or NTSC input, and then press [OK] to enter.

Use USB connect to external USB equipment

- This product support OTG function, it can link with U disk or removable hard disk for accessing and storage.
- It is highly recommend to using the Rechargeable Portable HDD.
- For SD/MMC, it can support up to **2G** or more.
- The default memory setting is Nandflash, if you insert SD card, it automatically detect and change to save in the **SD** card under the system setting.
- If you connect the **OTG** cable i.e. portable **HDD**, it will automatically detect and change to save in **HDD** priority.

Connect USB connect to your PC

- Insert the product into your computer, and window XP will find the hardware automatically and install the drivers of the product automatically; if you operating system is Windows 98se, you shall need to install the installation software with the product, which shall be installed according to the instruction of your computer

十二. Function setting

- Select [Setup] icon from the main menu, then press [OK] to enter.
 1. Press ↑, ↓, ← or → key to select the Tab, and then press [OK] to enter.
 2. To exit press [ESC] anytime got back to menu.
 3. Below is the system setting explanation:
 - Storage – Select to store in Nandflash or **SD/MMC** Card.
 - Storage Size – Display the Nandflash and **SD/MMC** (Used and Free Space)
 - Format – Format Nandflash or **SD/MMC** card
 - Clock Set – Set the system clock (Year, Month, Day, Hour, Minute)
 - Auto power off – Set the power off setting time (10mins, 30mins, 60mins, 90mins)
 - Display setting – set Display out (**LCD, TV_PAL, TV_NTSC**)
 - Brightness – Set the display brightness
 - Language – Set the system language (English, Chinese)
More language will be added without priority notice.
 - Default – Load factory setting

十三. Diagnosis

1. What to do when there is no display on the display screen when the start-up key is pressed?
 - **Analysis to reasons and explanation:**

Please use AC adapter to charge with the power supply provided by the manufacturer; under normal charging condition, the red indicator light will be lightened, and you may restart after 10 minutes; if you can start up after charging, it means that the receiver is lack of electric quantity.
2. I have already fully charged the device, when I power on, I cannot see anything?
 - **Analysis to reasons and explanation:**

Try to remove the **SD/MMC** Card from the memory slot, as some of the **SD/MMC** Card might affect the startup. If you do not have any memory inside the memory slot, reset the machine by pressing the reset button at the back of the machine.
3. There are noises in image or the image is unstable
 - **Analysis to reasons and explanation:**

1. Are there any obstacles between the transmission (cement wall and steel wire mesh)?
2. Inspect whether there is deviation in the transmitting frequency of the camera?

十四. Product specification

Item	Item	Product specification
Wireless receiver	Receiver frequency	CH1:2414MHz; CH2:2432MHz CH3:2450MHz; CH4:2468MHz
	Receiver channel	4CH, 18M interval/channel
	Receiving sensitivity	-88dBm
	Antenna	Inner setting
	Demodulating way	FM
Video	Display screen	960x240 TFT 2.5 inches LCD
	Video out mode	PAL/NTSC mode
	Video mode	PAL/NTSC mode
	LCD display mode	PAL/NTSC automatic switching
	Resolution	640x480/ 320x240/ 160x168
	Compressed video format	MPEG-AVI Max 30pfs
	Play file format	MPEG-4/AVI/ASF/ADPCM/MOV/WMV/WAV
	Video output level	1vp-p
Audio	Audio input level	1vp-p
	Earphone output	L 20MW R 20MW [160](Max volume)
	Audio format	MP3/WMA
Picture	File format	JPG/JPEG/GIF/TIFF
Storage	Flash memory	64MB
	Storage media	SD/MMC/SX/U disk/HDD
	SD/MMC card	2GB(Max support)
Operating systems	IBM-PC	Windows 98SE,ME,2000,XP
	Serial bus	USB 2.0; USB OTG1.1
	Disk file format	FAT32
	Language	Chinese/English
Battery	AS adapter	DC 5V 1000mA
	Internal Battery	Li-ion battery 1300mA
Play time	Normal player is 2-3 hours, wireless monitor is 1.5-2 hours	

