Wireless NVR Kit Quick Operation Guide

iOS Android

Please read the guide or user manual carefully before using

Hardware

1.Statement

- Thank you for using our product, please contact us if you have any problem.
- This guide is for Wireless NVR Kit.
- Content may be modified and updated based on new function.
- The function of the actual products maybe a little different from the guide, please operate it based on the actual products.

2.Attention

① Do not install the wireless NVR in humid and dusty environment.
② Put the wireless NVR in drafty environment in case of ventilation port being blocked.
③ Check the power supply to avoid damage because of voltage mismatch.
④ Make sure the wireless NVR working within suitable temperature and humidity environment.
⑤ Please install the wireless NVR horizontally, and avoid vibration.
⑥ Short circuit may occur when dust become wet on circuit board. Please clean the dust on circuit board, connectors, and NVR case.
⑦ Explosion may happen because of Improper replacement of battery, do not replace it by yourself; If you need, make sure it is the same type of battery. And do not open or repair it.
⑧ Please use suitable and professional hard disk to ensure continues and stable recording.
⑨ Lightning protection is needed when device connect to communication cables.

3.Open and Check

Open the package when received, put the products in suitable place,please check the products based on packing list. If there is anything broken or missing, please contact to us as soon as possible.

4. WiFi NVR Kit Diagram

5.Placement of Wireless IPC

The shape of wireless NVR signal coverage is a ball, antenna located in the center. Signal is strong around antenna, and weak in the dent area of the 2 antennas.

Based on the signal spreading ways, please make the wireless IPC keeping parallel or tangent with wireless NVR, which ensures stable signal transmission and better picture quality.

6.Installation of wireless IPC

⚠ Attention: The IPC should install on the wall with suitable thickness, which can sustain 4 times weight of IPC.

6.1 Interface of wireless IPC

No.	Name	Description
1	Reset	Support reset function
2	Antenna	Transfer one audio wireless signal
3	Mic cover	Near cover of the mic
4	Input port	Power supply port
5	Power indicator	Red light means lightening of lens
6	Power switch	On / Off
7	Ethernet port	connect to Ethernet IP cable, 10/100M auto adjustable
8	Antenna matching	Connect to IPC antenna

6.2 Installation step

① Hole location sticker: put the sticker on the wall, punch with 5mm drill in the marked areas, make sure the deep of hole is over 30mm at least. Then punch expansion screws in hole. As Picture 2-1 shows.
② Fixing IPC: The structure of wireless IPC is integrated, please use 3 pcs PA4 screw to fix IPC on the wall. As picture 2-2 shows.
③ Bracket adjustment:loosen the screw on IPC, the range of angle for adjusting is showed on picture below,adjust the IPC to suitable direction, then tighten the screws. As picture 2-3shows.

Picture2-1 Picture2-2 Picture2-3

7. Hard Disk Installation

Attention:
Please use suitable and professional hard disk;
Make sure power turned off before install.

Step 1: Put the NVR upside horizontally, loosen 4 pcs M3*6 screws,as picture7-1 shows;
Step 2: Push the cover with the direction showed in picture 7-2;

picture7-1 picture7-2

Step 3: Connect data cable and power supply cable to the ports onhard disk separately, as picture 7-3 shows;
Step 4: Match the hole between hard disk and NVR case, as picture 7-4 shows;

picture7-3 picture7-4

Step 5: Keep NVR with sideways, fix hard disk with 4 pcs Bm6#-32*6 screws, as picture 7-5 shows;
Step 6: Install the NVR cover, fix it with 4pcs M3*6 screws, and change NVR antenna to the direction as picture 7-6 shows.

picture7-5 picture7-6

8.Interface

① Antenna
② VGA output
③ HDMI output
④ USB interface
⑤ Network port
⑥ Power supply:DC12V
⑦ GND port

9. Log in / Log out

Please make sure the power supply is matched with wireless NVR, and ground connection work well in socket. When power supply connected, indication lamp 【POWER】turn on continuously, it means system runs smoothly.

10.Specification

	Wireless NVR	2CH & 4CH 2.0MP	8CH
System	Base Processor	S3005	S3005
	Operation System	Embedded LINUX	
	Video Output Port	1 VGA	1 VGA
	Phone Display	1080P(Support portrait mode)	
	Video Input	4ch 1.0/1.3MP input & 2ch 1.0 / 1.3MP input	8ch 1.0/1.3MP input
	Motion Detection	Support	
	Alarm Output Port	Support Timing, Motion detection, Alarm	
Record and Playback	Playback	4ch1.0/1.3MP	
	Recorder Check	Timeslot/date/channel search	
	Device Type	2.0MP/Embedded Hard disk	
	Video Output	1ch VGA 1ch HDMI	
	Video Quality	Support 720P/1080P/4K/4K adjustable	
General	USB Interface	2 USB 2.0	
	SATA	2 Mbps AT	
	Power Supply	DC 12V 4A	
	Working Humidity	10%-90%	
	Working Temperature	-10℃~+55℃	
NVR IPC	2.0MP	1.3MP	1.0MP
Effective Pixels	2.0MP 1920(H)*1080(V)	1.3MP 1280(H)*960(V)	1.0MP 1280(H)*720(V)
Image Sensor	1/2.7" CMOS	1/3" CMOS	1/4" CMOS
Min. Illumination	0.01Lux@F1.2; 0.001 0.01Lux@F1.2		
Electronic Shutter	1s/50(1/60)-1/10000s PAL-1/25-1/10000S		
Day/Night Mode	ICR CUT		
Picture Format	JPEG		
Video Compression	H.264		
Privacy Masking	4 Areas		
Image Setting	Brightness, contrast, saturation, gain control, shutter, white balance		
Day to Night	Support		
Smart Alarm	Motion detection/alarm input/alarm output/ IP cable no connection/IP address conflict		
Sensor	Sensor: pir,pir,smoke,temperature,door,door,door

FCC 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 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.

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 equipment 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.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled enviroment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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