

Wulian®

本企业通过ISO9001: 2008质量管理体系标准

网关摄像机02型（720P）系列
产品使用说明书



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欢迎您使用Wulian网关摄像机02型（720P）系列产品说明书

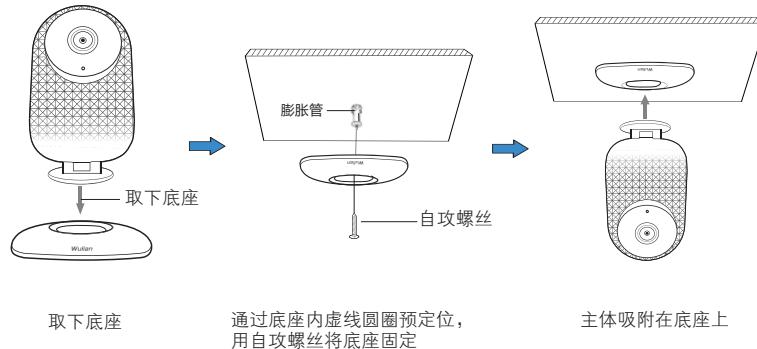
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- 使用前请您认真阅读产品使用说明书，确保正确、安全地使用。
- Wulian网关摄像机02型（720P）系列产品（以下简称“本产品”）为南京物联传感技术有限公司（以下简称“我司”）出品的智能家居音视频类产品。本产品需要与智能家居相应APP客户端同步使用，并须使用本产品自带的配件，如您未正确地安装、使用本产品，而造成的损失，我司将不承担任何责任。
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- 欢迎您登录我司官网www.wulian.cc，获取更多智能家居产品信息。

产品展示 (以白色摄像机为例)



安装指导

①可直接放置于任何固定的平面 ②吸顶/墙面安装



安装使用注意事项



操作准备

①安装“物联爱看”或“智能家居”客户端

Android版

方式一：请扫描产品包装盒上的二维码，下载软件客户端。

方式二：网址下载

<https://api.wuliangroup.cn/qr/icam> (物联爱看)

<http://www.wulian.cc/service.shtml> (智能家居)

iOS版

方式一：请扫描产品包装盒上的二维码，下载软件客户端。

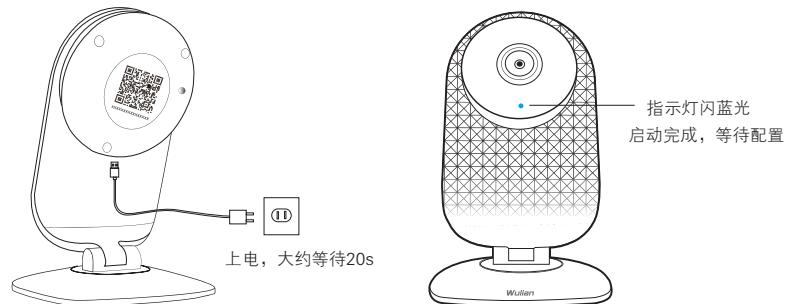
方式二：网址下载

<https://api.wuliangroup.cn/qr/icam> (物联爱看)

进入“APP Store”搜索“wulian智能家居”下载最新版iOS客户端V5

温馨提示：初次使用时，请先安装APP客户端，并仔细阅读产品说明书；请时常关注我司资讯，以便及时更新。

②启动设备



注意：本产品为可插拔设备，为了便于使用，请将插座安装在设备附近。

③打开“物联爱看”APP端，根据软件提示完成新用户快速注册。

操作指导

[“物联爱看” ---添加设备&配置WiFi](#)

■ Android版

登录“物联爱看”，根据软件提示完成设备添加（可扫描设备背部二维码或手动输入设备ID）和WiFi配置，随后即可查看监控。

■ iOS版

登录“物联爱看”，扫描设备背部的二维码，根据软件提示完成摄像机的WiFi配置和设备绑定，即可查看监控。

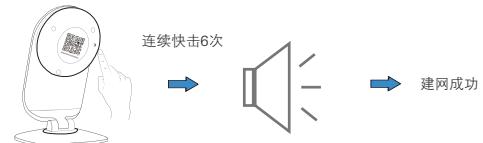
智能家居---随便看摄像机作为网关的配置和使用

Android版/iOS版

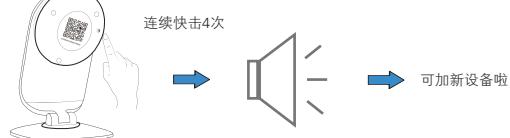
- ①登录“智能家居”（可手动输入设备ID号或扫描设备背部二维码，登录密码为ID号后六位。）
- ②进入“智能家居”APP首页，点击监控列表，选择“随便看摄像机”，输入设备ID号（可扫描设备背部二维码或手动输入），根据软件提示操作，配置成功后进入监控列表开始监控。

联网设置---添加ZigBee终端设备

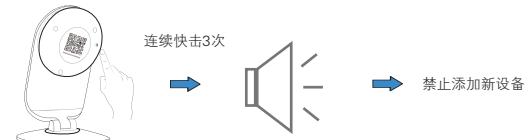
①首次建立ZigBee网络



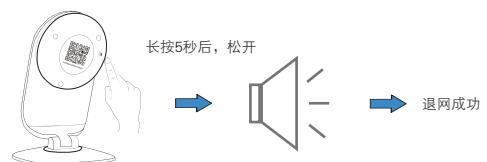
②加网设置



此时摄像机已经具备网关的所有功能，可以添加ZigBee终端设备。



③退网设置



基本功能



ZigBee技术

是一种近距离、低复杂度、低功耗、低数据速率、低成本且安全的无线通信技术。



无线WiFi

支持无线WiFi，家中角落随意摆放，一键配置，简单方便



高清录像

720P高清图像，普通摄像机的3倍以上



录像回放

卡内存储，视频保存，随时回放



帐号分享

输入好友帐号，将视频分享给好友，可以支持多用户观看



插卡存储

安全的本地存储，永久免费



双向分时语音

支持双向分时语音



移动侦测

支持移动侦测报警，时刻关注家庭状况



红外夜视

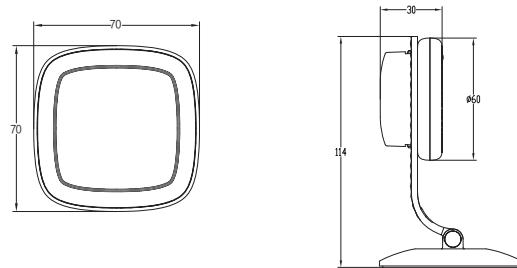
夜晚环境也能清晰地监控，且最佳拍摄距离可达5米



外观设计

外观设计精致，APP客户端界面简单美观、操作便捷

规格参数



外观

净重 (g)	140
外壳材质	PC+ABS
颜色	黑、白、蓝、白色Plus
镜头材质	光学玻璃

通用参数

电源	AC/DC适配器供电 DC 5V, 1A
天线配置	陶瓷天线, FPC天线
工作环境温度	-10°C~+45°C
工作环境湿度	≤95%RH (不凝结)
整机功耗	Max.3W
旋转角度	水平360° , 前后 > 180° (手动)

音视频参数

白平衡/码流自适应/背光补偿	支持 (自动)
运动侦测/抓拍照片	支持
分辨率	720P
语音对讲	可支持双向分时语音
图像翻转	180°
本地存储	最大支持Micro SD 32G

红外灯板	10颗940nm灯珠 (无红曝红外灯)
夜视距离	5米内

网络参数

通信协议	IEEE 802.15.4 IEEE 802.11 b/g/n
通信距离	IEEE 802.15.4 500米 (可视条件下) IEEE 802.11 b/g/n 50米 (可视条件下)
网络协议	TCP/IP、ICMP、HTTP、HTTPS、DHCP、DNS、 RTP、RTSP、RTCP、NTP、UPnP
无线接入方式	WiFi
可连接ZigBee终端设备	1个 (黑色, 白色) 、3个 (白色) 、6个 (蓝色) 、不限 (Plus)

订购信息

产品名称	产品型号	材质/颜色	货号
Wulian网关摄像机02型 (720P)	WL-ZAVMDPB-C411121-02	PC+ABS, 黑色	WLPN150803004
	WL-ZAVMDPW-C411121-04	PC+ABS, 白色	WLPN150803001
	WL-ZAVMDPU-C411121-02	PC+ABS, 蓝色	WLPN150803005
	WL-ZAVMDPW-C411121-06	PC+ABS, 白色plus	WLPN150803003
	WL-ZAVMDPW-C411121-05	PC+ABS, 白色	WLPN150803002

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客服热线：400-928-9288
南京市雨花台区凤集大道15号创业创新城-北柚11栋

Wulian®

The company passed the ISO9001: 2008 quality
management system standard

Smart Lookever Camera (720P)
User Manual



©2015 Nanjing IOT Sensor Technology Co., Ltd.
Publication Number: 2015-0803.V01

**Federal Communications Commission (FCC) Compliance
Notice:**

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.

Federal Communications Commission (FCC) Caution:

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

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Federal Communications Commission (FCC) Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation.

Welcome to use Wulian Wireless Smart Lookever Camera (720P)User Manual

- **Wulian*** is the registered trademark of Nanjing IOT Sensor Technology Co., Ltd. All the other trademarks and registered trademarks mentioned in this manual are trademarks or registered trademarks of their respective owners.
- Please read this manual carefully for the proper use of this product.
- Wulian Smart Lookever Camera Series (720P) (hereinafter referred to as “this product”) are smart home audio and video products produced by Nanjing IOT Sensor Technology Co., Ltd. (hereinafter referred to as “Wulian”). This product shall be used with smart home APP as well as the supplied accessories. Wulian is not responsible for any loss due to improper installation and usage of this product.
- Please check the Wulian website periodically for manual and APP update availability and the relevance.
- Without the written permission of Wulian, any individuals and enterprises shall not copy all or part of the contents of this manual, must not use our registered trademark. Behavior of the illegal use of our trademarks, we will act and corporate legal liability shall be pursued in accordance with the law.
- For more information about smart home products, please visit: www.wulian.cc/english.

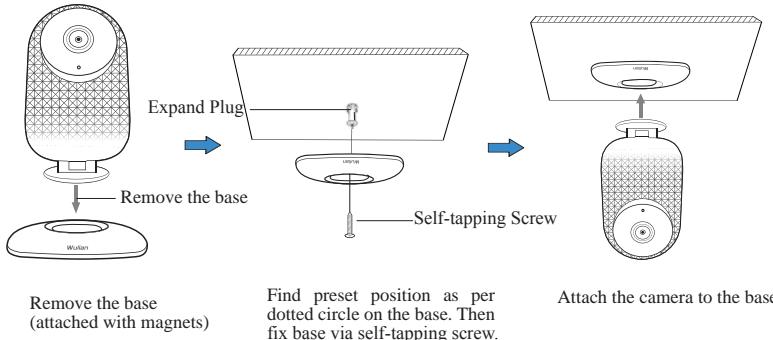
Product Display (e.g. white camera)



Installation Guide

Option A: Place it on any fixed flat surface

Option B: Ceiling/Wall Mounted



Remove the base
(attached with magnets)

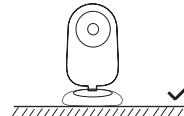
Find preset position as per
dotted circle on the base. Then
fix base via self-tapping screw.

Attach the camera to the base

Attentions



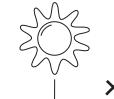
Keep away from video cable, audio cable, USB cable or power cable.



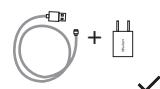
Place this product in fixed flat surface.



Keep away from strong electromagnetic fields.



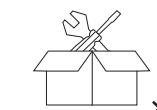
Avoid direct sun.



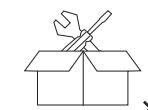
Make sure accessories are matched for adapters.



Keep the camera away from oil, vapor, steam, moisture, dust, etc.



Wiping the lens with harsh cleaner or organic solvent is forbidden.



Disassembling or modification of this product or its accessories is forbidden

Operation Preparation

① Install “iCam” APP or Smart Home APP

Android Version

Option A: Download the APP by scanning the QR Code in the packaging box.

Option B: Download the APP with the links

<http://api.wuliangroup.cn/qr/icam> (iCam APP)

<http://www.wulian.cc/service.shtml> (Smart Home APP)

IOS Version

Option A: Download the APP by scanning the QR Code in the packaging box.

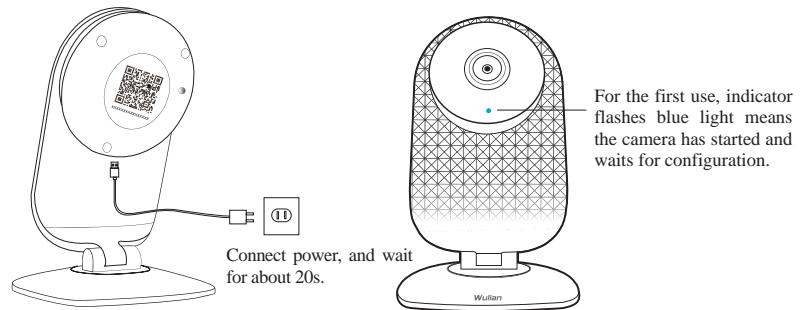
Option B: Download the APP with the link

<http://api.wuliangroup.cn/qr/icam> (iCam APP)

Enter into “APP Store” to search “wulian smart home” to download the latest iOS APP (Version 5)

Warm prompt: please read this manual carefully and pay attention to the information of our company to update the latest version of the smart home APP.

②Start Device



Note: For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

③Start iCam APP and register an account as per the APP prompts.

Operation Instructions

“iCam -- Add Camera & Configure WiFi

Android:

Start iCam APP. Add camera (by scanning QR Code or inputting the ID on the back side of the camera) & Configure WiFi, then you can use the camera.

iOS:

Start iCam APP, and scan QR Code on the back side of the camera, According to the software prompts then complete camera WiFi configuration and equipment binding, then you can use the camera.

Smart Home--The Usage of Smart Lookever Camera As Gateway

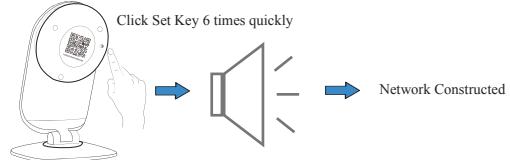
Android Version / iOS Version

①Log in “Smart Home” APP (by scanning QR Code or inputting the ID on the back side of the camera), and configure network.

②Enter smart home APP homepage. Click monitoring list to choose Smart Lookever Camera, and input ID No. of device (scanning QR code in back of device or manual input). Operate as per software prompt. After a successful configuration, enter monitoring list to start monitoring.

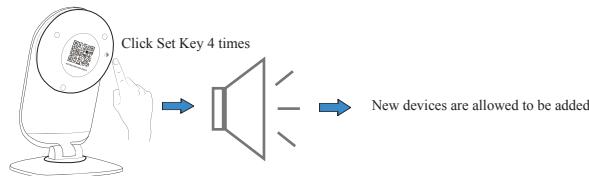
Networking : Add ZigBee Devices

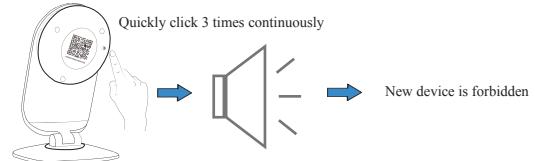
①Build ZigBee network for the first time



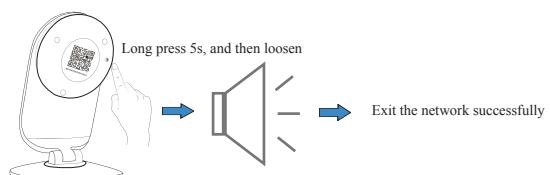
②Add Devices to ZigBee Network

Camera can be used as gateway by this time, and it can add ZigBee devices.





③Exit the ZigBee Network



Basic Functions



Zigbee Technology

ZigBee technology is a close, low complexity, low power, low data rate, low cost and safe wireless communication technology.



Video Saved

Playback Anytime.



WiFi Technology

Supports WiFi, put the camera anywhere in our house. One-key configuration, simple & convenient.



Account Share

Share video with friends by entering friends' account. Support multi-users to watch video.



HD Video

720P HD images, 3 times more than normal camera.



SD Card Storage

Card storage, safety local storage, permanent free.



Two-way time sharing talkback.

Talkback Function



Support motion detection alarm, focus on home situation at any time.

Motion Detection



Can monitor clearly in night as well. Optimal Photographic Distance reaches 5m.

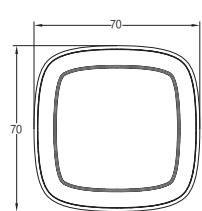
Infrared Night Vision



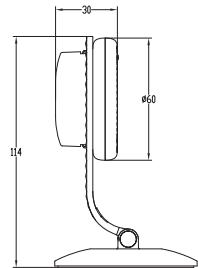
Delicate in appearance & design, APP is beautiful and easy to operate.

Appearance Design

Specification Parameter



Appearance



Net Weight(g)	140
Housing Material	PC+ABS
Color	Black\White\Blue\White plus
Lens Material	Optical Glass

General Parameter

Power Supply	AC/DC Adapter DC 5V, 1A
Antenna Type	Ceramic Antenna, FPC Antenna
Operating Temperature	-10°C ~ +45°C
Operating Humidity	≤95%RH(Non-condensing)
Power Consumption	Max.3W
Rotation Angle	Pan:360°, Tilt: > 180°(manual operation)

Audio & Video Parameters

White Balance/Backlight Compensation /Self-Adapting Video Transmission	Supported (Auto)
Motion Detection/Snapshot	Supported
Resolution	720P
Audio	Talkback Function
Image Rollover	180°
Local Storage	Up to Micro SD 32G

Infrared Lamp Board	10* lamp bead (940nm) (IR Lamp without Visible Red Light)
Night Visual Range	within 5m

Network Parameter

Communication Protocol	IEEE 802.15.4 IEEE 802.11 b/g/n
Communication Distance	IEEE 802.15.4 500m(visible) IEEE 802.11 b/g/n 50m(visible)
Network Protocol	TCP/IP、ICMP、HTTP、HTTPS、DHCP、DNS、 RTP、RTSP、RTCP、NTP、UPnP
Wireless Access	WiFi
Number of ZigBee terminal devices to connect	One (black,white) Three (white) Six (blue) Unlimited (white plus)

Purchase Information

Product Name	Product Model	Materials & Color	Item No.
Smart Lookever Camera (720P)	WL-ZAVMDPB-C411121-02	PC+ABS, Black	WLPN150803004
	WL-ZAVMDPW-C411121-04	PC+ABS, White	WLPN150803001
	WL-ZAVMDPU-C411121-02	PC+ABS, Blue	WLPN150803005
	WL-ZAVMDPW-C411121-06	PC+ABS, White plus	WLPN150803003
	WL-ZAVMDPW-C411121-05	PC+ABS, White	WLPN150803002

Statement: Hereby, Nanjing IOT Sensor Technology Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Disposal and Recycling Information



You can help protect the environment!
Please remember to respect the local regulations: hand in the non-working electrical
equipments to an appropriate waste disposal centre

The following marking is included in the product :

CE0700

www.wulian.cc

Service Hotline:400-889-2891

Email: overseas@wuliangroup.com

Any illegal use of this manual shall be investigated according to law.
Building 11, No.15, Fengji Road, Yuhuatai District, Nanjing (P. C.: 210039)