

# Inoculight-R15 Manual

## Product Service Card

**Warning:** Direct exposure to UV rays may hurt your eyes and skin. Please **DO NOT** explore yourself and your pets to the working light - **DO NOT** present at the scene; **DO NOT** look directly at the operating light bulb.

## Product Instruction Manual

1. Our products are suitable for indoor places. Based upon the indoor places that you want to apply to, please choose an appropriate model in order to achieve the most effective result.
2. Before use, check whether the power supply voltage matches the product voltage (110V or 240V AC), and whether the electric current access meets the safety standards.
3. The recommended duration for one disinfection session is 30 minutes, and the disinfection timer can be customized according to the applied area. Doors and windows need to be closed during disinfection.
4. Ozone is an unstable gas and usually breaks down into oxygen within half hours. After disinfecting with an ozone UVC device, enter the applied area **at least 10-20 minutes** after the disinfection session or **10-20 minutes** after opening the doors and windows for air ventilation.
5. People and pets **MUST NOT** be present at the scene when the product is operating.

## List of Items

1. Inoculight-R15 (1)
2. Manual (1)
3. Wall Plug Adapter (1)
4. Wi-Fi Pin (1)

## Product Specifications

Name of the Product	Inoculight	Model Number	R15
Features of the Product	<ul style="list-style-type: none"> <li>➤ High-efficiency air and surface sterilization &amp; disinfection</li> <li>➤ Odor elimination and formaldehyde removal</li> <li>➤ Remove peculiar smell and purify air effectively</li> <li>➤ Built-in dynamic movement sensor, wireless &amp; app control, portable &amp; wall plug</li> <li>➤ Suitable for various scenarios</li> <li>➤ Safe for both the human body and environment</li> </ul>		
Color of the Product	Pearl White	UV Wavelength	Dual UVC Wavelength
Applicable Area	Indoor – home, dormitories, foyers, corridors, bedrooms, living rooms, kitchens, restrooms, cabinets, etc.		
Rated Voltage	110V or 240V	Rated Power	15W
Rated Frequency	50/60 Hz	Sterilization Area	1-15 m <sup>3</sup> / 35-530 ft <sup>3</sup>
Working Current	110v/160 mA 240V/80 mA	UVC Bulb Life Hours	8000 hours
Operation Control	App Remote Control	Google Play (Android) or App Store (iOS)	
Dynamic Sensor	Automatically turn off the light when people or pets are detected. Automatically turn on the light after people or pets leave.		
Item Weight	560g	Package Gross Weight	730g
Product Size	196.5x70.5x56.5mm	Package Dimensions	270x100x65mm

### Precautions

When this product is on, people and animals are NOT allowed to be present in the area to avoid damages to eyes and skin caused by UVC light.

Avoid using this product in high temperature (above 38°C / 100°F) environment for more than 45 minutes to prevent injuries from device overheating.

## Operations

1. Simply plug the device into a wall outlet.
2. Remotely control this device through your mobile phone app – on/off, or automatic mode with scheduled timing and recurring options.
3. If this device is operating, the built-in dynamic sensor will automatically turn off this device when the movement of people or animals is detected. The device will automatically turn back on when the people or animals leave.

# Wireless Network / App Control Instructions

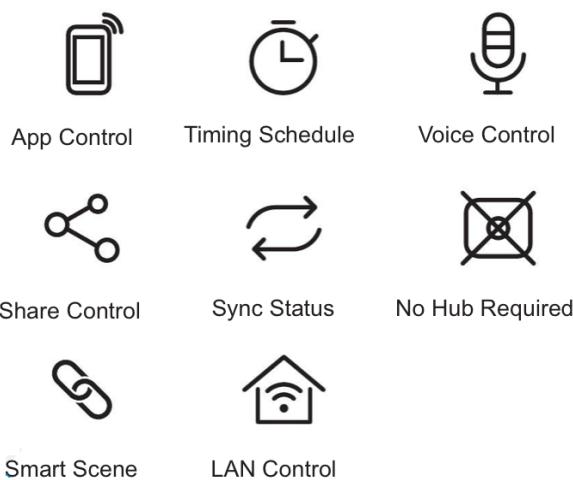
## 1. Wireless network / app installation:

- A. Download the app “eWeLink” on your smart phone from Google Play (Android) or App Store (iOS).
- B. Pairing mode for the device: after powering on (red indicator), the device will enter the quick pairing mode (Touch) by default for the first use. If the pairing is not successful within 3 minutes, the device will exit the quick pairing mode (Touch). To enter this mode again, please press and hold the manual button for about 5 seconds until the LED indicator (blue indicator) displays in a cycle of two short flashes and one long flash.
- C. To add the device on the app: open the eWeLink app, tap “+” and follow the prompt on the app.

## 2. Instructions for wireless network / app control system:

### A. App Control Features

Turn on/off the Inoculight from anywhere with your smart phone, schedule a session and set a timer, share control with your family, etc.



### B. Factory Reset

- ❖ When switching to a new network environment, please reset the device to factory settings and reconnect to the network.
- ❖ Press and hold the pairing button for about 5 seconds until the LED indicator displays in a cycle of two short flashes and one long flash. Then the reset is successful, and the device will enter the quick pairing mode (Touch) by default.



## C. Common Problems

Q: Why does my device displays "offline" on the app?

A: The newly added device needs 1 – 2 minutes to connect to the network. If it stays offline for a long time, please identify the following problems by the blue Wi-Fi indicator status:

1. The blue wire indicator quickly flashes once per second, which means that the switch failed to connect your wireless network router.
  - ① You might have entered a wrong wireless network password.
  - ② The device might be too far away from your router, or there might be network interference within the environment, causing a weak signal.  
Consider getting the device close to the router. If the attempt fails, please add the device on the app again.
  - ③ The device does not support 5GHz wireless networks router. Please try to add the device again with a 2.4GHz wireless network router.
  - ④ Your router might have MAC address filtering on. If so, please turn this setting off.
2. Blue indicator quickly flashes twice per second, which means your device is connected to wireless network but failed to connect to the server.  
Ensure a stable connection with your network. If double flash occurs frequently, your network is unstable. In this case, the product is not defective.

## Note

1. Keep away from children, people, and animals.
2. Do not replace UV light bulb with power on.
3. Avoid water contact.
4. Do not use it if the device is damaged externally.
5. Avoid using this product in high temperature (above 38°C / 100°F) environment for more than 45 minutes to prevent the device from overheating.
6. Enter the room **at least 10-20 minutes** after the disinfection session is finished or **10-20 minutes** after opening the doors and windows for air ventilation.

## **Suggested Areas to Use**

Indoor - dormitories, foyers, corridors, bedrooms, living rooms, kitchens, restrooms, cabinets, etc.

## **Warranty Card**

Thank you very much for your support to our products. For your satisfactory after sales service, please read the warranty terms in the warranty card carefully.

Product Model		Date of Purchase	
Problem Description			
Customer Name		Email	
Cell Phone		Home Phone	
Address			
RMA Records		Date of RMA	

If the product has upgrades on technology, functionality, or structure, changes to the product will not be notified. Please refer to the actual product as basis.

## **Warranty Terms**

1. Inoculight products: the device and the light tube warranty period is one month from the date of purchase.
2. From the date of purchase, in the event of a failure under normal use, the product, sales receipt, and product service card will be used for warranty service in accordance with the warranty terms.
3. Due to the following and similar situations, failures caused by the customers' personal factors are not covered by the warranty:
  - 3.1 Damage caused by incorrect or abnormal use or unauthorized modification or disassembly.
  - 3.2 Failure and damage due to abnormal voltage or lack of reasonable maintenance.
  - 3.3 Failure and damage caused by accidental fall during use and removal.
  - 3.4 If the problem cannot be solved after technical exchange, our company will arrange to return to the factory for repair.
  - 3.5 After the product is repaired, the delivery will be rescheduled.

## FAQ

Problem Description	Answer
Principle of disinfection	The ultraviolet type C light irradiates microorganisms to destroy the DNA (deoxyribonucleic acid) and RNA (ribonucleic acid) of the pathogens, so that the pathogens lose their survival and reproduction ability to achieve disinfection and sterilization effects.
Is the disinfection effective?	It is safe to use. Currently most hospital disinfection uses ultraviolet disinfection devices. This product is also suitable for household disinfection and has good effects on disinfection, sterilization, and deodorization. After the disinfection is completed, the result is the same as sun exposure.
Disinfection precautions	<b>Warning:</b> After the disinfection with ozone ultraviolet device is completed, the doors and windows need to be closed for another <b>30-40 minutes</b> . Then, you can enter the room. Alternatively, you can open the windows for air ventilation for <b>10-20 minutes</b> , and then enter the room. When in use: plants, animals, and people <b>MUST NOT</b> be present at the scene.
Can Inoculight be used to disinfect quilts?	Yes, the ultraviolet rays emitted by Inoculight work like sunlight. If your location rains often or outdoor drying conditions are not suitable, you can use Inoculight instead.
How often should you use Inoculight?	Generally, Inoculight can be used 1-3 times a week, but it is recommended to use it once or twice a day during the COVID-19 pandemic.
How long can Inoculight last after-sales?	The light bulb can be used for 8000 hours, (Except for artificial damages)
Will the occasional sound from inside of	Sometimes small white particles appear in

the light tube affect the performance?	the light tubes. These particles are mercury particles. Since the working principle of the ultraviolet disinfection lamp is to stimulate the mercury inside the light tube to emit light, it is normal that there exists little precipitate in the light tube, and the performance of Inoculight will not be affected.
Environment requirements for the use of Inoculight	When disinfecting with Inoculight, the room should be kept clean and dry to reduce dust and humidity. When the indoor temperature is lower than 20°C and higher than 40°C, the irradiation time should be appropriately extended.
Daily maintenance of the light tube	During use, the surface of the Inoculight should be kept clean. When dust or oil is found on the surface of the light tube, Inoculight should be turned off and wiped at any time, otherwise it will affect the sterilization effect.

## Product Registration

FCC ID: 2AXXI-R15

EPA Establishment #: 97361-GA-1



UL Med Inc, USA

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Official website: [www.inoculight.com](http://www.inoculight.com)

Address: 3865 Rainforest Circle

Norcross, GA 30092

## FCC Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**Note:** 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 or 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.

NOTE: This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter

### RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter

# Inoculight-R15 使用说明书

## 产品服务卡

**警告**：本产品工作时，禁止人和动物在场，且不要用眼睛直视发亮的灯管，以免紫外线直接照射到眼睛和皮肤而造成伤害。

## 产品使用说明

1. 本产品适用于室内场所，选用产品时请根据使用环境范围选择相对应的产品型号，以达到良好的使用效果。
2. 使用前必须先检查供电电压是否与产品电压相符，110V 或 240V 交流电接入是否符合安全标准。
3. 建议一次消毒时长为 30 分钟，可根据环境需求自主选择消毒时间。消毒期间需要将门窗关闭好。
4. 臭氧是很不稳定的气体，通常在空气中 30-40 分钟内转化为氧气。使用带臭氧紫外线消毒灯具消毒时，在消毒结束后至少 **10-20 分钟后** 再进入房间，或打开门窗通风 **10-20 分钟后**，再进入房间。
5. Inoculight-R15 产品工作时人和动物均**不能**在现场。

## 产品清单

1. Inoculight-R15 (1)

2. 使用说明书 (1)
3. 插墙式电源插头 (1)
4. Wi-Fi 配网针 (1)

## 产品参数

产品名称	Inoculight	产品型号	R15
产品特点	<ul style="list-style-type: none"> <li>➤ 高效无死角杀菌消毒</li> <li>➤ 清除病菌，螨虫</li> <li>➤ 清除异味，净化空气</li> <li>➤ 内置无线电传感器，无线联网 App 控制，便携式插墙插销</li> <li>➤ 适用于各种场景</li> <li>➤ 对人体和环境均安全</li> </ul>		
产品颜色	珍珠白	紫外线波长	253.7nm & 185nm
适用区域	室内 – 家庭，宿舍，休息室，走廊，卧室，客厅，厨房，洗手间，橱柜等		
额定电压	110V or 240V	额定功率	15W
额定频率	50/60 Hz	消毒范围	1-15 m <sup>3</sup> / 35-530 ft <sup>3</sup>
工作电流	110V/160 mA 240V/80 mA	UVC 灯泡寿命	8000 小时
操作控制	App 遥控功能	Google Play (安卓) 或 App Store (iOS)	
雷达传感器	监测到有人或动物在场时，关闭设备。 监测到有人或动物离场时，打开设备。		
产品重量	560g	包装毛重	730g
产品尺寸	196.5x70.5x56.5mm	包装尺寸	270x100x65mm

## 注意事项

**本产品在紫外线灯点亮时，禁止人和动物在场，以避免因紫外线照射到眼睛和皮肤而造成伤害。**

**避免在高温环境中（高于 38°C / 100°F）使用本产品超过 45 分钟，以防止设备过热造成的伤害。**

## **操作方式**

1. 只需将设备插入墙壁电源插座。
2. 通过手机 app 的远程操作功能来控制设备 – 开启/关闭，或自动模式（定时和循环控制）。
3. 设备运作时，若动态传感器检测到人或动物的动态，设备会自动关闭。待人或动物离开后，设备会再次开启。

## **无线网络 / App 使用说明**

### **1. 无线网络/app 安装:**

- A. 从 Google Play(安卓)或者 App Store(iOS)在手机下载 eWeLink app。
- B. 配网：通电后(红光)，设备首次使用，默认进入快速模式(Touch); 三分钟内没有进行配网，设备将退出快速模式。如需再次进入，长按手动开关键 5 秒直到指示灯(兰光)呈两短一长闪烁即可。
- C. 添加设备: 打开手机 eWeLink app，点击 “+” ，根据 app 提示操作。

### **2. 无线网络 / app 控制系统使用说明：**

#### **A. app 控制特点**

您的智能手机在任何地方打开或关闭家里的 Inoculight，设置定时开关、分享给您的家人控制等等。



## B. 恢复出厂设置

- ❖ 更换新的网络环境使用时，需要恢复出厂设置，再重新进行网络连接。
- ❖ 长按配置按钮 5 秒直到指示灯呈两短一长闪烁再松开，此时设备重置成功，默认进入快速模式(Touch)。



## C. 常见问题

问：设备添加成功后，显示离线，无法控制？

答：设备刚添加成功后，需要 1-2 分钟时间连接您的路由器并连网。如果长时间还是显示不在线，请根据无线网络指示灯的状态来判断：

1. 蓝灯 1 秒快闪一下：说明设备没有连上您的无线网络。
  - ① 可能是无线网络密码输入不正确。
  - ② 可能是设备离您的路由器太远，信号太弱，或环境有干扰。请先将设备靠近路由器，如无改善，重新添加一遍。
  - ③ 设备不能识别 5G 的路由器，请选择 2.4G 的路由器重新添加。
  - ④ 检查您的路由器后台是否开启 MAC 地址过滤，如有，请关闭。

2. 蓝灯 1 秒快闪两下：说明设备已连接到了路由器但没有连上外网。

请确认您的路由器当前连接外网是否稳定、正常。如时好时坏，频繁出现这种双闪情况，说明您的网络不稳定，并非产品原因。

## 注意事项

1. 远离儿童、人和动物。
2. 请勿在通电的情况下更换紫外线灯泡。
3. 避免与水接触。
4. 如果设备外部损坏，请勿使用它。
5. 避免在高温（高于 38°C / 100°F）环境中使用超过 45 分钟，以防止设备过热。
6. 消毒结束后至少 **10-20 分钟后**再进入房间，或打开门窗通风 **10-20 分钟后**，再进入房间。

## 建议使用区域

室内 – 家庭，宿舍，休息室，走廊，卧室，客厅，厨房，洗手间，橱柜等。

## 保修卡

非常感谢您对本公司产品的支持,为了使您得到满意的售后服务,请您仔细阅读保修卡中的保修条款。

产品型号		订购日期	
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问题描述			
用户名		联系邮箱	
联系手机		家用电话	
收货地址			
检修记录		检修日期	

产品如有技术改进功能和结构若有改动，恕不另行通知以实际产品为准。

## 保修条款

1. Inoculight 产品，灯具，灯管保修期为 1 个月。
2. 自购买之日起，在正常使用的情况下出现故障时，依照保修条款持产品，销售单据及产品服务卡进行保修服务。
3. 因下述及其相似的情况，由购买者个人因素而发生的故障不属保修范围：
  - 3.1 因错误非正常使用或是擅自改动，拆装而导致的损坏。
  - 3.2 因异常电压、或缺乏合理的保养而发生的故障损坏。
  - 3.3 在使用搬过过程中不慎摔倒，跌落而导致的故障损坏。
  - 3.4 在经过技术交流后无法解决时，我司将安排返厂维修。
  - 3.5 产品维修处理后，将重新安排寄货。

## 问题答疑

问题描述	问题解答
消毒原理	紫外线 C 波段通过照射微生物，对细菌的 DNA(去氧核糖核酸)及 RNA(核糖核酸)进行破坏，使细菌丧失生存及繁殖力从而达到消毒杀菌效果。
消毒有效吗?	敬请放心使用，目前医院消毒基本都是使用紫外线消毒灯，本产品适合家庭消毒，对于消毒、杀菌、除味有良好的效果。消毒完成后如太阳照射过一般。
消毒注意事项	<b>警告</b> ：臭氧紫外线灯消毒完成后，请在门窗关闭的情况下，等待 <b>30-40 分钟后</b> 再进入房间。或者，将房间的门窗打开通风 <b>10-20 分钟后</b> ，再进入房间。 使用时：人和动植物 <b>不可</b> 在现场。
这款 Inoculight 可以用来消毒被子吗?	可以的，这款消毒灯发出的紫外线可当做太阳光使用。如果经常下雨或是没有户外晾晒的条件，可使用这款 Inoculight 代替。
Inoculight 一般多长时间使用 1 次	通常一星期使用 1-2 次即可，但在 COVID-19 大流行时期，建议每天 1 次或 2 次。
Inoculight 售后能使用多久?	灯管可以使用 8000 小时。(人为破碎除外)
灯管内偶有异物声响会影响吗?	灯管有时候会看到白色小颗粒此颗粒是汞颗粒，由于紫外线消毒灯的工作原理是激发灯管内的汞蒸发光，有可能会在灯管有少许沉积属于正常现象，不影响

产品使用。	
Inoculight 使用环境要求	用 Inoculight 消毒时，房间应保持清洁干燥，减少尘埃和水雾。室内温度在低于 20°C 和高于 40°C 时，应适当延长照射时间。
灯管日常养护	在使用过程中，应保持 Inoculight 表面的清洁，当发现灯管表面附有灰尘、油污时应随时关机擦拭，否则会影响灯管杀菌效果。