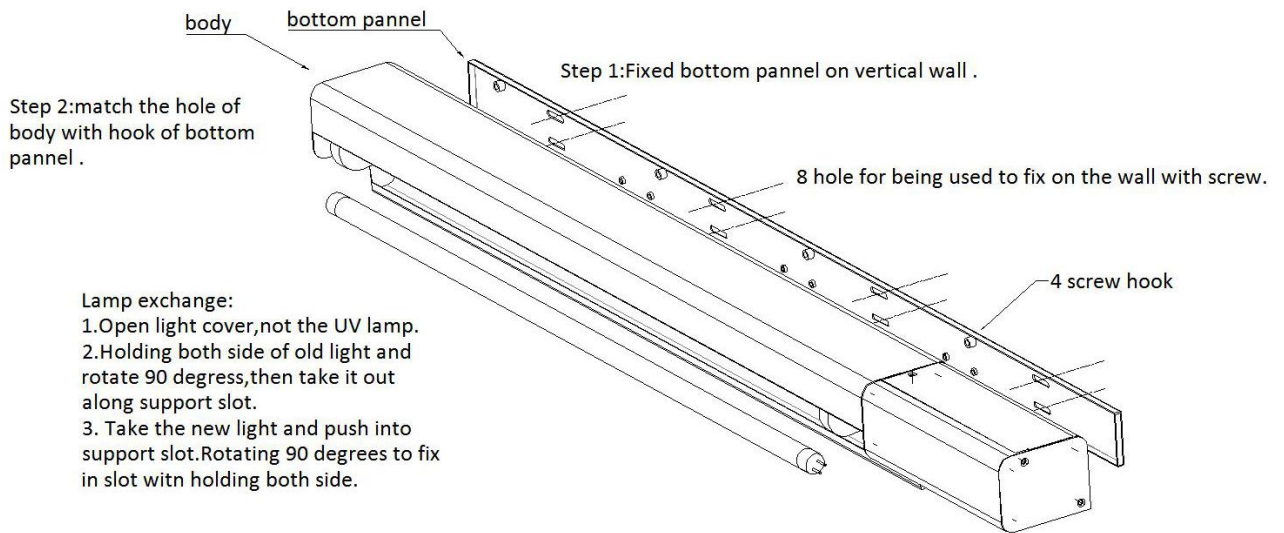


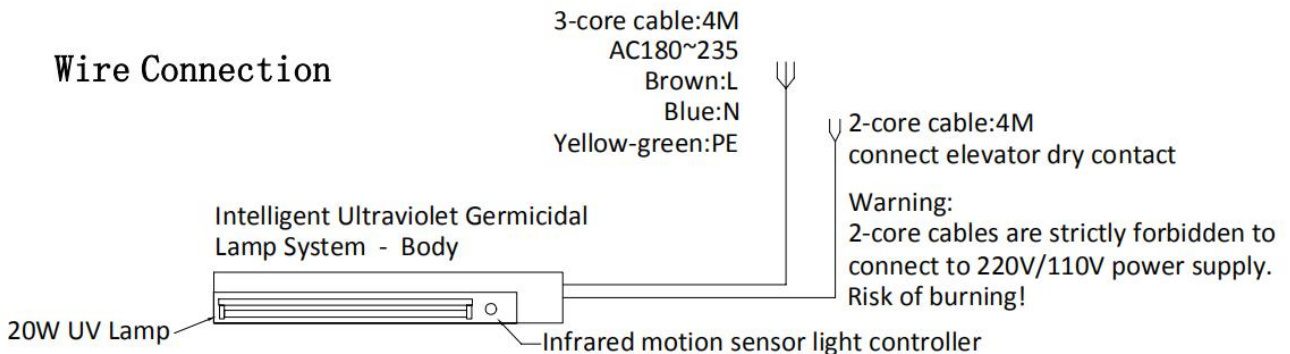
# Integrated Electric Intelligent Ultraviolet Germicidal Lamp System Instruction Manual

## 1. Drawing

### 1) Installation instructions and lamp replacement



### 2) Wire Connection



PS : 2-core cable is standard elevator signal wire for ESIC-20E

but not available for ESIC-20W

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### 3) Attention

- (1) Please do not install and connecting wire with electricity.
- (2) Make the light face disinfection area when installing to ensure effect.
- (3) Best install height:2-2.5M from ground.
- (4) Please do not install near air-conditioning and keep it away from sensitive area of temperature to avoid the false triggering of the infrared protection device
- (5) Please do not install it in a place with strong air flow.
- (6) Please do not being under UV light for a long time to avoid injury when adjusting.Pay attention to not directly irradiate the skin, especially eyes. Do not look directly at the light when it is on. As short-wave UV does not pass through ordinary glass, wearing glasses can avoid hurting eyes.Operators should wear long-sleeved clothes and trousers with protective glasses to avoid accidents during installation.
- (7) Serious injury can use eye drop or milk.
- (8) Please ensure cover is on and light is off when changing light. It is strictly forbidden to replace the lamp with electricity. The lampshade and the ultraviolet lamp are turned on and off, please refer to the "[4. APP control and setting](#)" in this manual.
- (9) The two-core cable of the ESIC-20E integrated electric intelligent UV disinfection system is the elevator signal wire, which is connected to the dry contact of the elevator relay. The short-circuit state indicates that the elevator is available and the disconnected state indicates that the elevator is on working.

### 4) Cleaning:

To wipe the light with 95% alcohol gauze when first time using the system so as to remove dust and oil stains. During use, wipe regularly (once a week) to ensure the transmission rate and radiation intensity.

### 5) lampshade

It is strictly forbidden to manually break the cover,which will break the cover easily and damages the internal precision transmission structure.The cover will automatically open when system is working and be off when done its job. If the power is cut off when the cover is open, it is strictly prohibited to manually break to close it. The cover will be automatically closed to initialize the machine after power restore.If manually operation is needed, please use the mobile phone APP or WeChat applet to operate.

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## 2. Operation

1) Device will be in self-checking and initialize state when first time operating. Please do not move and run the device in 1 minute

2) Indicator:

Green light(blue-tooth working indicator) : flash light while waiting for onnection;  
consecutive light after connecting.

Red light(control device working indicator) : flash light while in normal state;  
consecutive light when UV is on.

3) Voice report:

Avoid false entering : Do not get into during disinfection.

Expired time : The life of germicidal lamp tube is expired, please replace it.

4) Model:ESIC-20E Integrated Electric Intelligent Elevator Ultraviolet Germicidal Lamp System with elevator signal wire :

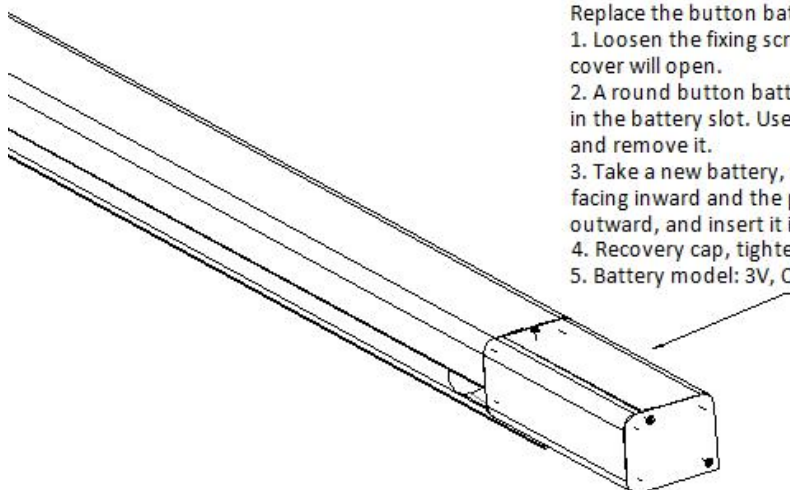
Working principle:

Automatic mode : connected dry contact indicates that elevator is available and system starts to work;Disconnected dry contact will stop the disinfection process.

Model : ESIC-20W Integrated Electronic Intelligent UV Disinfection System without elevator signal wire.

## 3. Replacement battery

There is a button battery inside the machine, which is used to power the time chip, so that the system date and time can be saved and run. Low battery, time will slow down, we need to replace the batteries. Proceed as follows:



Replace the button battery:

1. Loosen the fixing screw of this cover and the cover will open.
2. A round button battery on the PCB board is stuck in the battery slot. Use a tool to tilt the battery side and remove it.
3. Take a new battery, with the negative electrode facing inward and the positive electrode facing outward, and insert it into the battery slot.
4. Recovery cap, tighten the screws.
5. Battery model: 3V, CR1220

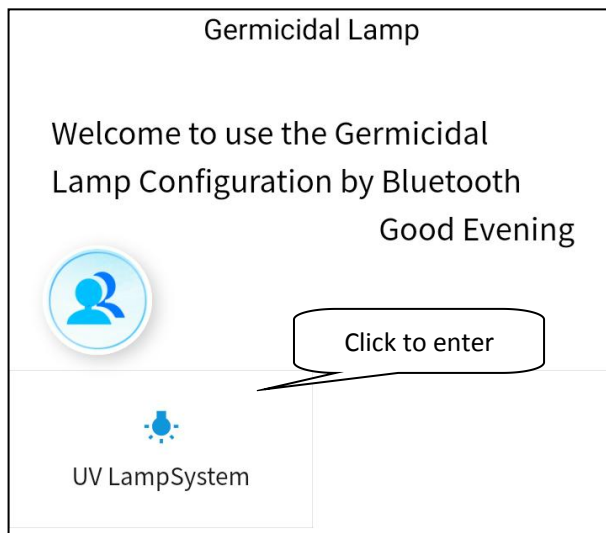
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## 4. APP control and setting

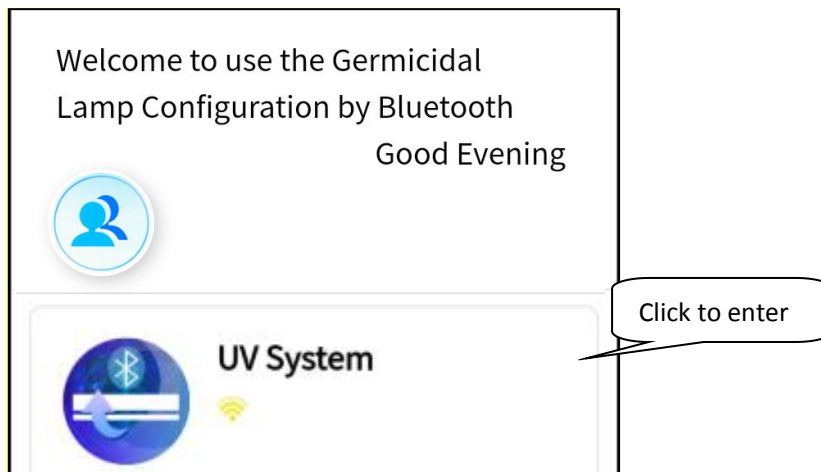
- 1) Obtain the latest APP program and install on the Android Phone.



- 2) Please click on “approve”when first time using App.
- 3) Please click on UV pattern”Sterilizing Lamp”to enter system on the App page.



- 4) Enter UV light interface,then it will automatically search the surrounded UV system bluetooth device and choose “UV System” .



5) Input password

Default password : 1234

Change password : type 4 numbers for password

Reset password : type super password to restore default password

(super password can be obtained from supplier)

**Please enter password to connect to the Bluetooth**

\_\_\_\_\_

Password: \_\_\_\_\_

Remember the password

Change Password

Reset Password

**Enter**

Callouts:

- Type the password
- Choose saving password
- Change password
- Reset password
- Confirm then enter control interface

6) Change and reset password

**Please type in new password and old password to change password**

\_\_\_\_\_

Old Password: \_\_\_\_\_

New Password: \_\_\_\_\_

New Password: \_\_\_\_\_

**Change**

Cancel

**Please enter the password of Administrator to reset the password**

\_\_\_\_\_

Password: \_\_\_\_\_

**Reset Password**

Cancel

7) UV light control and setting :

The screenshot shows the 'Germicidal Lamp' control interface. At the top, there is a back arrow and the title 'Germicidal Lamp'. Below the title is the 'UV System' header with a green edit icon. The interface contains several settings:

- Manual Mode:** A green toggle switch is turned on.
- Automatic Mode:** A black toggle switch is turned off.
- UV Lamp Status:** A black toggle switch is turned off.
- Status of Lampshade:** A black toggle switch is turned off.
- Human Body Detection Function:** A green toggle switch is turned on.
- Time Frame:** A button labeled 'Click and check'.
- Continuous Sterilization Time:** A text field showing '0hour30minute'.
- Interval Waiting Time:** A text field showing '8hour0minute'.
- Synchronization Time:** A green button labeled 'Synchronization'.
- Configuration:** A large green button at the bottom.

Callouts provide the following instructions:

- Change name.Input method "Enter" save.
- Click to choose manual mode or auto mode. Black background indicates stop working ; Green indicates available.
- Manual mode control UV light
- Manual mode control light cover
- Manual mode control infrared sensor
- Click to make time synchronization
- User-defined entering

PS:

- After switching the manual and automatic modes, Need to exit this interface. Open it again to see the running status of the new mode.
- If in manual mode, Set configuration, You need to switch to automatic mode for the configuration to take effect.
- For the first use, be sure to synchronize the time, the machine will run more accurately. Every once in a while, time synchronization is also needed to avoid date and time deviations.

8) User-defined to set disinfection mode:

**Germicidal Lamp**

Set the time quantum:

Choose Day of the Week: ✕

Sun  Mon  Tue  Wed  Thu  
 Fri  Sat

Choose Period of Time:

0:0 ✓ - 23:59 ✓

Choose Day of the Week: ✕

Sun  Mon  Tue  Wed  Thu  
 Fri  Sat

Choose Period of Time:

00:00 ✓ - 23:59 ✓

+

Time of Duration:

0 ✓ Hours 30 ✓ Minutes

Waiting Time:

8 ✓ Hours 0 ✓ Minutes

**Cancel** **Enter** **Reset**

Click ✕, delete origin setting

Click to set up date

Click to set up time

Allow to set up 3 groups disinfection period and effective synchronously

Set up disinfection time

Set up waiting time

Cancel: quit and not save; Enter: quit and save.  
 Reset: The configuration parameters are reset to the factory settings.

9) Time setting :

Click to set up "hour"

Click to set up "minute"

01:00

01:00

取消 确定

取消 确定

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## 5. Copyright

This specification is a guidance on installation and maintenance of UV disinfection system and as a brochure for user,not for selling.Part of function will be adjusted according to technology updating,production process and actual acquirement,it won't be notified.Please contact our engineer if there is any problem about the UV disinfection system.Thank you!

The Company reserves the right of final interpretation of this specification.