



**HEALTH ELEVATOR SERIES**  
健康梯系列

**WELM 威尔曼**

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MAKE INTERACTION MORE INTELLIGENT  
让交互更智慧



# 江苏威尔曼科技有限公司

JIANGSU WELM TECHNOLOGY CO., LTD.

- 成立于2000年
  - 600多名员工
  - 专业从事智慧交互
  - 国家高新技术企业
  - 为客户提供人机界面、智能楼宇、多媒体、按钮等系列产品
  - 业务遍及亚洲、美洲、欧洲、非洲等多个国家和地区
- Established in 2000
  - More than 600 employees
  - Specialize in intelligent interactive solutions
  - The National High & New Tech Enterprise
  - Provide a series of products for clients such as human-machine interface, intelligent buildings, multimedia devices, buttons, etc
  - Develop business in Asia, America, Europe, Africa and many other countries and regions

## 三大服务 全面领先

COMPREHENSIVE LEADER IN THREE MAJOR SERVICES



### 全球化服务

GLOBAL SERVICE

- 提供符合全球标准的产品和服务  
Deliver products and services that meet global codes

### 全产业链服务

FULL PRODUCTS SERVICE

- 整体的解决方案  
Package solution on products and service

### 定制化服务

CUSTOMIZED SERVICE

- 为客户量身定做差异化的解决方案  
Tailor differentiated solutions for customers

- 可追溯的全链式的产品服务  
Traceability on the full chain service





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# 01 厅外系列

Landing Series



# 玻璃感应+手势外呼 WLCI-TF003

GLASS INDUCTION+GESTURE LOP WLCI-TF003

## 特征与功能（Characters & Functions）

### 尺寸 (Dimension)

320mm x 100mm x 73mm

### 显示类型/大小 (Display Type/Size)

4.3" TFT Display

### 操作类型 (Operating Type)

感应触摸或手势识别

Inductive touch or gesture recognition

### 面板类型 (Surface Panel Type)

玻璃 Glass



# 手势模块 WA-G0001

GESTURE MODULE WA-G0001

## 特征与功能（Characters & Functions）

### 尺寸 (Dimension)

120mm x 80mm x 22.5mm

### 操作类型 (Operating Type)

手势识别 Gesture recognition

### 面板类型 (Surface Panel Type)

玻璃 Glass

### 其他 (Others)

表贴安装 Surface-mounted





# 手势外呼 WLOP-NG0001

GESTURE LOP WLOP-NG0001

## 特征与功能 (Characters & Functions)

### 尺寸 (Dimension)

90mm x 90mm x 18mm

### 操作类型 (Operating Type)

手势识别或触摸

Gesture recognition or touch

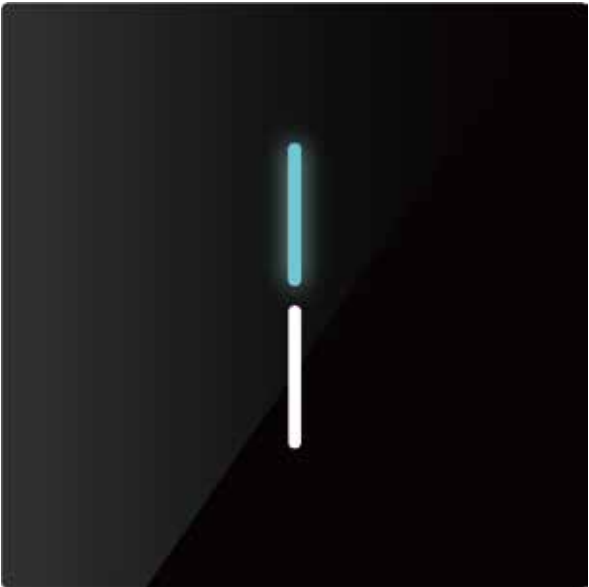
### 面板类型 (Surface Panel Type)

玻璃 Glass

### 其他 (Others)

玻璃及框架默认黑色, 可定制其他颜色

Default colour of glass and frame: black; other colours: customizable



# 语音外呼 WA-V0002

VOICE LOP WA-V0002

## 特征与功能 (Characters & Functions)

### 尺寸 (Dimension)

90mm x 90mm x 18mm

### 操作类型 (Operating Type)

语音识别

Voice recognition

### 面板类型 (Surface Panel Type)

玻璃 Glass

### 其他 (Others)

玻璃及外壳默认黑色, 可定制其他颜色

Default colour of glass and case: black, other colours: customizable



# 红外脚踢外呼 WA-FT0001

INFRARED FOOT LOP MODULE WA-FT0001

## 特征与功能（Characters & Functions）

### 尺寸 (Dimension)

380mm x 110mm x 25mm

### 显示类型/大小 (Display Type/Size)

4.3" TFT Display

### 操作类型 (Operating Type)

感应触摸或脚踢识别

Inductive touch or foot recognition

### 面板类型 (Surface Panel Type)

玻璃 Glass



# 机械脚踢外呼 WA-FT0002

MECHANICAL FOOT LOP WA-FT0002

## 特征与功能（Characters & Functions）

### 尺寸 (Dimension)

266mm x 136mm x 32mm

### 操作类型 (Operating Type)

脚踢 Foot kick

### 面板类型 (Surface Panel Type)

304不锈钢 304 stainless steel

### 其他 (Others)

平面安装无需暗盒或背板 Surface-mounted with no cassette or backplane







## 02 轿内系列

Car Series



# 人脸识别模块 WA-F0001

FACE RECOGNITION MODULE WA-F001



工作电流 ( Operating Current )	<100mA
通讯接口 ( Communication Interface )	RS485
工作温度 (°C) ( Operating Temperature (°C) )	-10 to 60
储存人脸数量 ( Number of Stored Faces )	3000
环境照度 ( Environment Luminance )	15Lux
识别率 ( Recognition Rate )	≥99%
响应时间 ( Response Time )	<500ms
分辨率 ( Resolution )	1280*800

# 语音识别模块 WA-V0001

VOICE RECOGNITION MODULE WA-V001

语言 ( Language )

支持中文普通话识别 Mandarin Chinese

定制 ( Customizable Items )

定制化设计, 唤醒词可定制, 楼层信息可定制

Design, wakeup words, floor information

识别率 ( Recognition Rate )

高识别率, 50dB噪声环境识别率90%

High recognition rate: 90% in 50dB noise environment



# IC卡楼层控制模块 WA-C0001

IC CARD FLOOR CONTROL MODULE WA-C0001



接口 ( Interface )

RS485通讯接口输

RS485 Communication Interface Input

使用环境 ( Operating Environment )

温度 Temperature: -10~60°C

刷卡距离 ( Card-swiping Distance )

0-50mm

卡片型号 ( Card Type )

Mifare1 IC卡片 Mifare1 IC Card

存储环境 ( Storage Environment )

温度 Temperature: -25~70°C 相对湿度: 20%~90%不结露

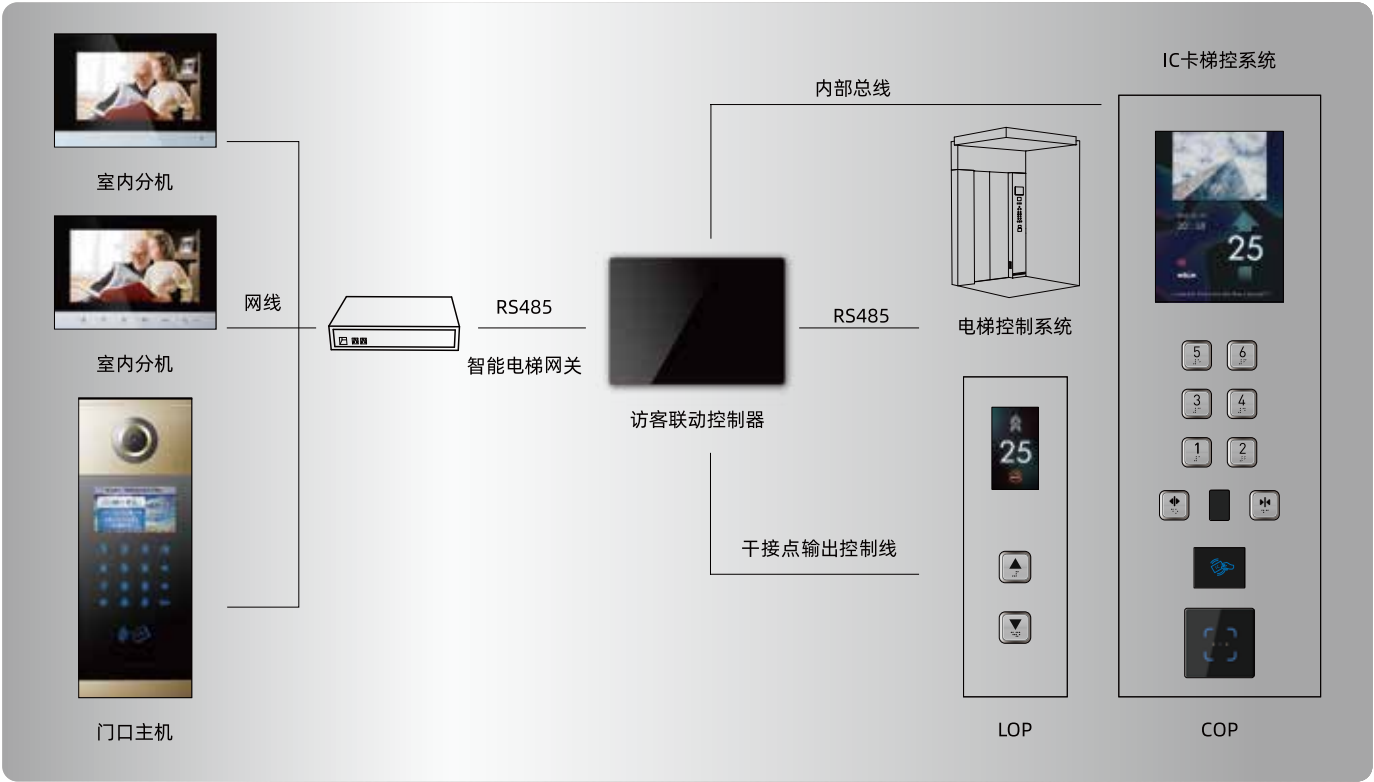
Relative Humidity: 20%~90% no condensation





电梯联动控制器

INTEGRATED ACCESS CONTROL AND ELEVATOR CONTROL SYSTEM



特征与功能 (Characters & Functions)

实现IC卡电梯楼层控制器和门禁对讲系统的联动。

- 1) 访客无卡乘梯
- 2) 业主室外预约呼梯
- 3) 业主室内预约呼梯
- 4) 室内电梯信息显示

To realize the integration between IC card elevator floor controller and access intercom system.

- 1) Visitor takes the elevator without cards
- 2) Host reserves a call outdoors
- 3) Host reserves a call indoors
- 4) Indoor video intercom displays elevator information

电源 (Power Supply)

DC24V±10%, 工作电流 Operating current < 150mA

RS485接口 (RS485 Interface)

5

CAN接口 (CAN Interface)

1

RJ45网络接口 (RJ45 Network Interface)

1

继电器输出 (Relay Output)

2

光耦输入 (Optocoupler Input)

2

程序升级 (Program Upgrade)

现场TF卡升级 On-site TF card upgrade

显示 (Display)

LCM128\*64

Aerial Hologram for UI

Holographic Projection COP

全息投影模块

WA-H0001

HOLOGRAPHIC PROJECTION MODULE WA-H0001

COP界面采用全息成像技术，灯光投射在空中实现三维立体的效果，触摸图像即刻实现电梯登记。用户界面可以定制。

COP makes light cast in the air for a three-dimensional effect by the holographic display technology, and passengers just touch the hologram to register a floor.

UI could be customized.



A close-up photograph of a person's hand, adorned with a silver ring on the ring finger, reaching out to touch a row of polished, reflective metal door handles. The hand is positioned in the foreground, with the fingers gently touching one of the handles. The background is softly blurred, showing a light-colored wall and a window with vertical bars. A teal-colored rectangular overlay is positioned on the left side of the image, containing the text '03 其他' and 'Others' in white.

# 03 其他

Others



# 抗菌按钮 ANTIBACTERIAL BUTTON



## 抗菌技术介绍 ( Introduction of Antibacterial Technology )

### 金属抗菌 ( Antibacterial Metal )

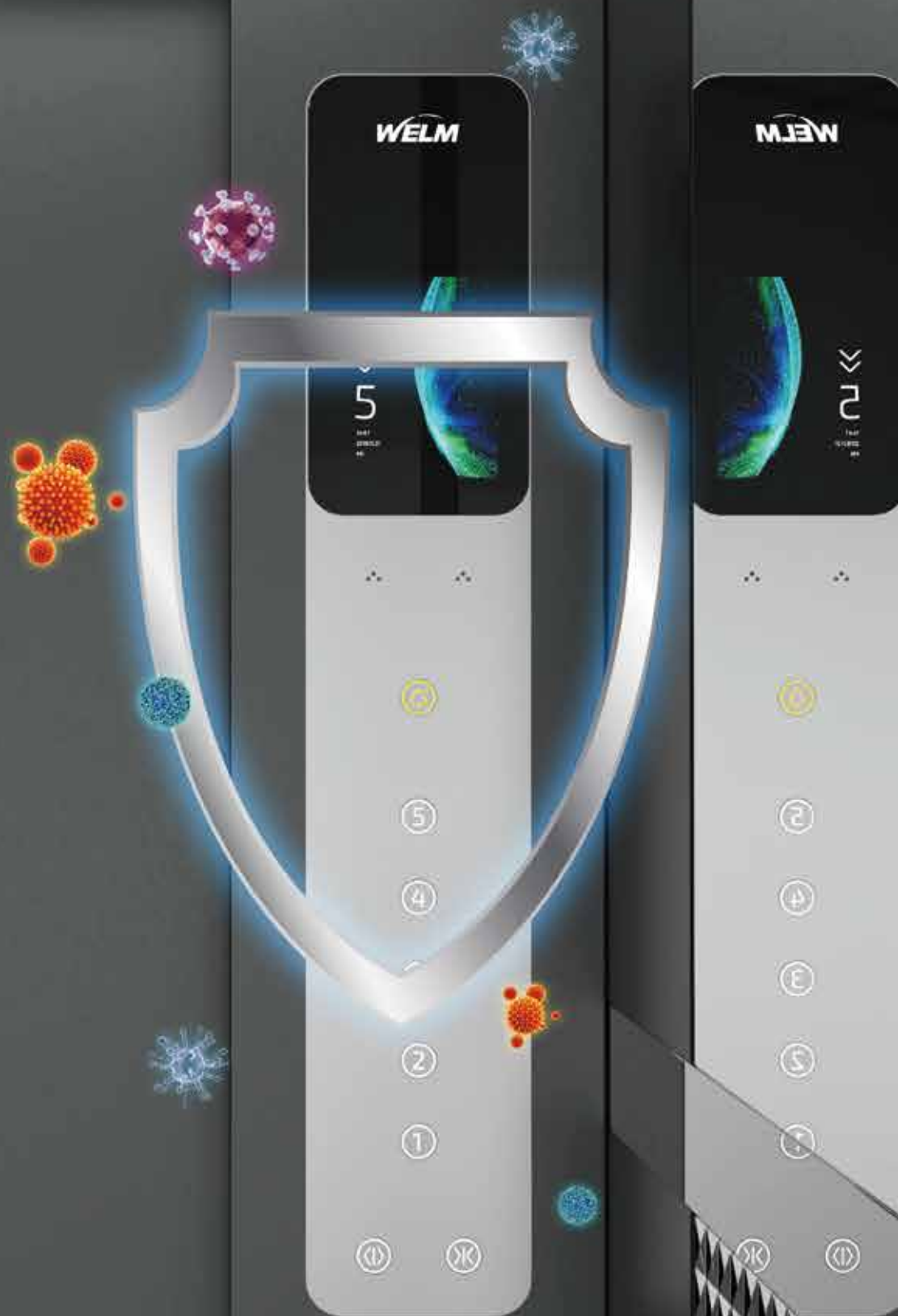
抗菌率>99%  
Antibacterial rate>99%  
纳米银抗菌涂层  
Nano silver antibacterial coating  
适合大多数金属材料, 如按钮金属字片、外呼/操纵箱金属面板等  
Suitable for most metal materials, such as metal button characters, metal panel of LOP/COP, etc.

### 玻璃抗菌 ( Antibacterial Glass )

抗菌率>99%  
Antibacterial>99%  
银离子渗透玻璃内层, 永久抗菌  
Silver ions penetrate inner layer of the glass against bacteria for life.  
适合玻璃产品, 如按钮玻璃字片、玻璃面板等  
Suitable for glass products, such as glass button characters, glass panels, etc.

### 塑料抗菌 ( Antibacterial Plastic )

抗菌率>99%  
Antibacterial>99%  
银离子渗透塑料内层, 永久抗菌  
Silver ions penetrate inner layer of the plastic against bacteria for life.  
适合塑料产品, 如按钮塑料字符、外呼/操纵箱塑料边框等  
Suitable for plastic products, such as plastic button characters, plastic frame LOP/COP, etc.





# 无接触按钮 TOUCHLESS BUTTON



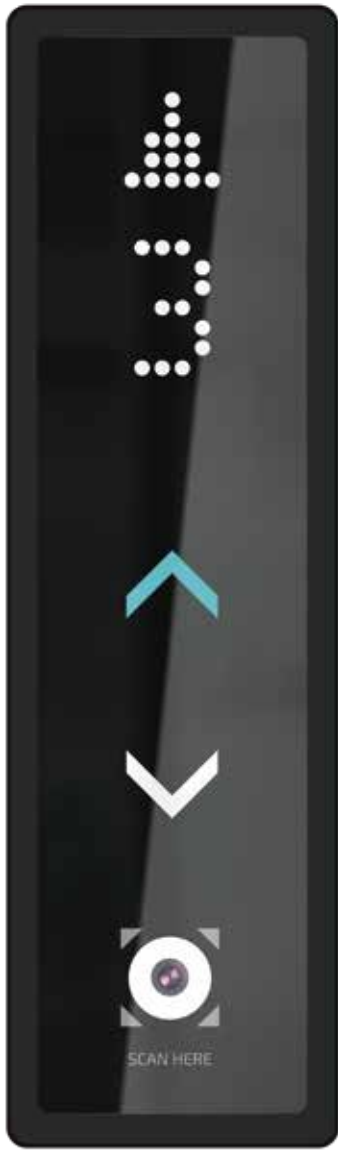
## 特征与功能 ( Characters & Functions )

外形尺寸 (Dimension)	面板类型 (Surface Panel Type)	发光颜色 ( Illumination Colour )
35*35/Φ35	亚克力 Acrylic	红/白/橙色 Red/White/Orange
特色功能 (Surface Panel Type)	操作类型 (Operating Type)	
非接触式登记, 最大感应距离10~13mm	非接触感应 Touchless induction	
Touchless register; Max. induction		
distance: 10~13 mm		





## 二维码呼梯 CAR CALL VIA QR CODE



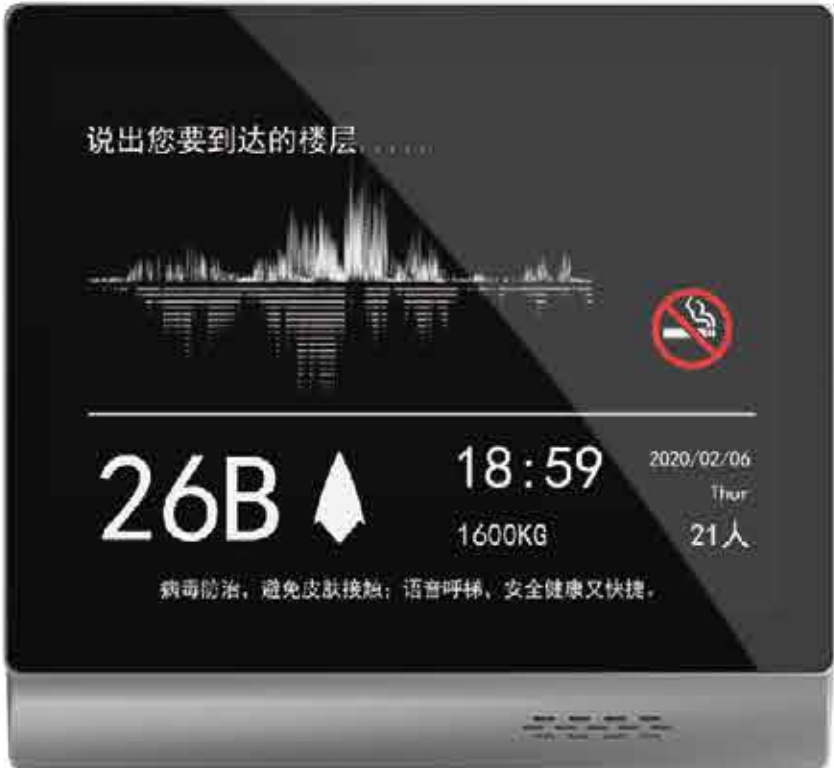
### 特征与功能（Characters & Functions）

通过云端技术, 乘客可以扫描纸质二维码或者手机二维码进行呼梯。

By the cloud technology, passengers could scan the QR code on the paper or from their mobile phones to call an elevator.

## 语音呼梯及多媒体一体机 WDOP-S0001

VOICE CALL AND MULTIMEDIA ALL-IN-ONE WDOP-S0001



### 特征与功能（Characters & Functions）

<b>尺寸 (Dimension)</b> 349mm x 325mm x 38mm	<b>显示类型/大小 (Display Type/Size)</b> 15" TFT Horizontal Display	<b>面板类型 (Surface Panel Type)</b> 钢化玻璃 (黑色丝印边框) Tempered glass (Black silk print frame)
<b>语音呼梯, 语音识别率&gt;90%</b> Voice call, voice recognition rate> 90%	<b>触摸屏配置 (可选)</b> Touch screen configuration (optional)	
<b>人脸识别呼梯 (可选), 人脸识别率大于99%</b> Call via face recognition (optional), face recognition rate > 99%	<b>可联入网络远程更新显示器程序</b> It can be connected to the network to update the display program remotely	



## 轿厢消毒杀菌设备

### CAR DISINFECTION DEVICE



#### 安全 Safe

使用二氧化氯缓释分子+紫外光触媒技术对轿厢消毒杀菌，消毒杀菌效率大于99%。以被认证消毒状态，可以人机共存。

The device could sterilize the car by chlorine dioxide sustained-release molecule + ultraviolet photocatalyst technology. The sterilization rate is more than 99%. Thanks to the certified disinfection status, it could coexist with human.

#### 环保 Environment Friendly

功耗低(小于15W),噪声低(小于45dB),保持原有环境。

Low power consumption(less than 15W) and low noise(less than 45dB) to keep the environment as it is

#### 远程控制 Remote Control

通过网络实现设备开启及关闭。

Turn on and off the device through the network.

## 扶梯扶手带消毒杀菌设备(UVC LED)

### ESCALATOR HANDRAIL DISINFECTION DEVICE(UVC LED)

#### 智能 Smart

利用内置发电传达模块,通过扶手的旋转自动产生电能提供动力。无需接线。

The device could auto-generate power along with the moves of the handrail via the built-in power generation module; NO wiring required.

#### 安全 Safe

符合安规验证:紫外线及夹带。

The device meets all applicable safety requirements: UV and entrainment.

#### 高效 Effective

内置的UVC模块产生的UVC紫外线可消除扶手上98%的病毒和细菌。

UVC ultraviolet light exposure from built-in UVC module could eliminate up to 98% of viruses and bacteria on the handrail.

