MAG8362 MAG8362D

UV Disinfection Control Terminal & UV Disinfection Lamp

Description

Both the UV Disinfection Lamp and UV Disinfection Control Terminal use ultraviolet light for physical disinfection. The UV Disinfection Lamp (typically using a low-pressure mercury lamp) can emit both 254 nm and 185 nm ultraviolet rays. The 254 nm UV light directly damages the RNA/DNA of microorganisms, while the 185 nm UV light generates ozone to provide supplementary disinfection. The UV Disinfection Control Terminal (such as a UVC LED module) uses only 254 nm UV light for disinfection and does not generate ozone. Both methods provide physical disinfection without chemical residues. The host system can enable the disinfection function and set the scheduled operation time without manual operation, providing a convenient and energy-saving solution. It also supports human-device coexistence and is suitable for high-traffic environments such as hospitals and office buildings, enabling continuous indoor air circulation disinfection.

Features

- UV light + ozone dual disinfection for enhanced sterilization performance.
- Physical disinfection method without adding any chemical substances.
- Wide range of applications and easy operation.
- Broad-spectrum disinfection capability: Utilizing ultraviolet disinfection technology, the device can effectively inactivate airborne bacteria, pathogens, and other microorganisms. The built-in UV lamp irradiates the circulating air flowing through the disinfection area, effectively reducing the concentration of airborne pathogens.
- UV disinfection for heat-sensitive and non-steam-sterilizable items: The device can disinfect medical instruments, mobile phones, keys, toys, tableware, and other items that cannot withstand high

temperatures or high-pressure steam sterilization through UV irradiation (normal-temperature logistics disinfection).

- Water disinfection capability: Under suitable water flow speed and water quality conditions, the device can effectively irradiate passing water, efficiently killing and inactivating various bacteria and viruses while inhibiting algae growth.
- 10/100M adaptive Ethernet, supporting DHCP/static IP and LAN connection.
- Scheduled disinfection operation: Once the disinfection switch is enabled, the operation time can be preset without manual control.

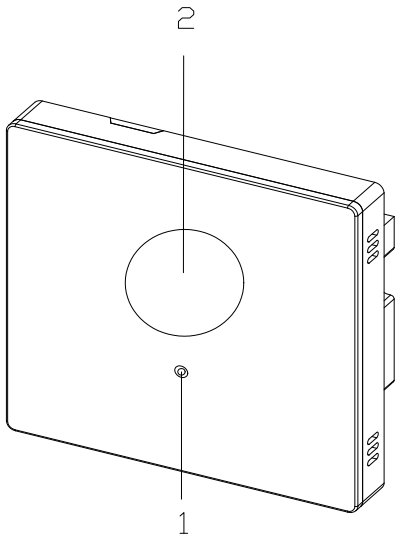
Specifications

Model	MAG8362
Output Power	500 W
Voltage/Frequency	AC 220 V / 50 Hz
Detection Angle	< 100° cone angle, within 5 m
Network Interface	RJ45 (10/100M)
Package Dimensions	139 × 116 × 81 mm
Product Dimensions (L × W × H)	86.5 × 86.5 × 51.2 mm
Gross Weight	0.35 kg
Net Weight	0.15 kg

Model	MAG8362D
Output Power	30 W
Voltage/Frequency	AC 220 V / 50 Hz
Package Dimensions	640 × 360 × 60 mm
Product Dimensions (L × W × H)	600 × 300 × 30 mm
Gross Weight	1.2 kg
Net Weight	1 kg

Front / Rear Panel

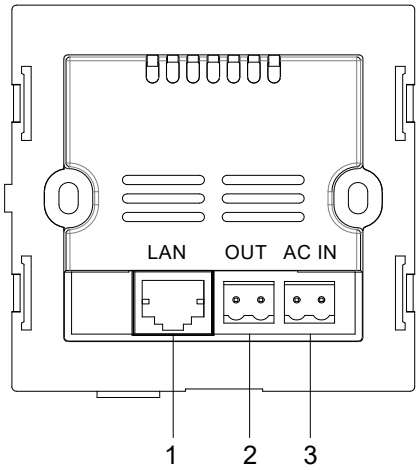
UV Disinfection Control Terminal



1. UV Lamp

After activation, when human presence is detected nearby, the indicator light flashes red periodically. Note: When the human detection function is enabled and human presence is detected, the system will automatically turn off the UV lamp. After the UV lamp is turned off, it will remain off and will not restart automatically. The lamp must be manually turned on or will automatically turn on at the scheduled time on the following day.

2. Human Presence Sensor



1. Network Interface
2. AC 220V Power Output Interface
3. AC 220V Power Input Interface

UV Disinfection Lamp

1. AC 220V Power Cable