

# User Guide

Battery Video Doorbell

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# About This Guide

This guide provides a brief introduction to the Battery Video Doorbell and regulatory information.

Note: Features, availability, and software versions may vary by model, region, or service provider (ISP). Images and descriptions in this guide are for example purposes only and may not reflect your exact experience.

## Conventions

In this guide, the following conventions are used:

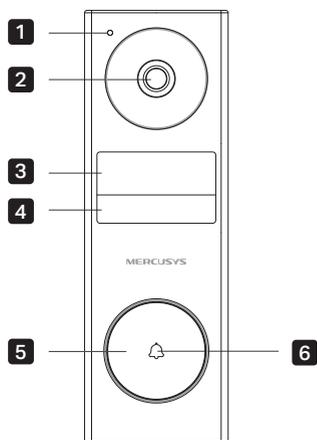
Convention	Description
<u>Underline</u>	Hyperlinks are in red and underlined. You can click to redirect to a website or a specific section.
Red	Key information appears in red, such as menus, items, and buttons.
Note	Ignoring this type of note might result in a malfunction or damage to the device.
Tips	Indicates important information that helps you make better use of your device.

## More Info

- Specific product information can be found on the product page at <https://www.mercusys.com>.
- Our Technical Support contact information can be found at the <https://www.mercusys.com/support>.

# Appearance

## Doorbell



**1** Microphone

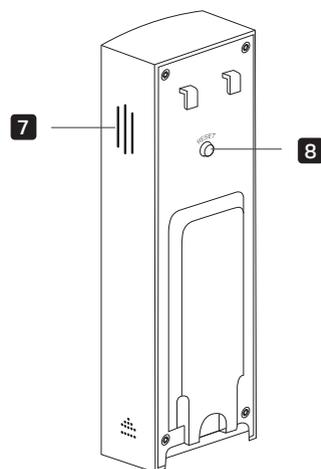
**2** Lens

**3** Motion Sensor (PIR)

**4** IR LED

**5** Ring Button

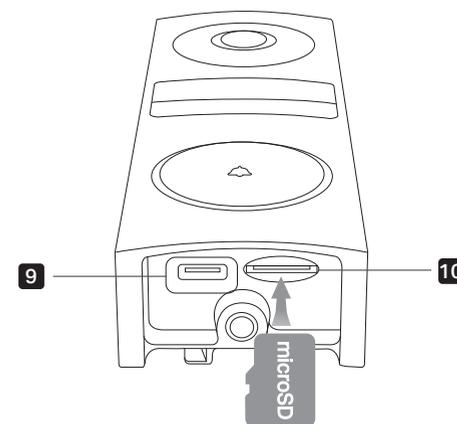
**6** Status LED



**7** Speaker

**8** RESET Button

Press and hold for about 5s: Reset the doorbell



**9** USB Type-C Port

**10** microSD Card Slot

Insert a microSD card. Initialize it on the MERCUSYS app for local recording.

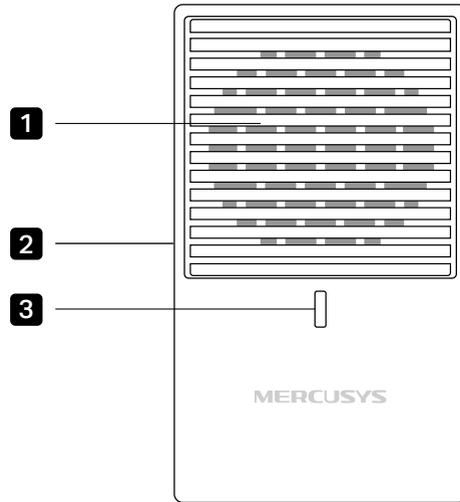
\*microSD card not included

## Status LED Indicator

Indicator	Descriptions
Solid red	Starting up
Blinking red and green	Ready for setup
Blinking red slowly	Connecting to Wi-Fi
Solid amber	Connected to Wi-Fi
Solid white	Connected to the cloud
Blinking red quickly	Doorbell resetting
Blinking white quickly	Doorbell upgrading
Blinking amber quickly for 3 seconds	Charging the doorbell

# Appearance

## Chime



**1** Speaker

**2** Reset Button

- Press and hold for 5s: Reset Wi-Fi settings
- Press and hold for 10s: Reset to factory settings

**3** LED

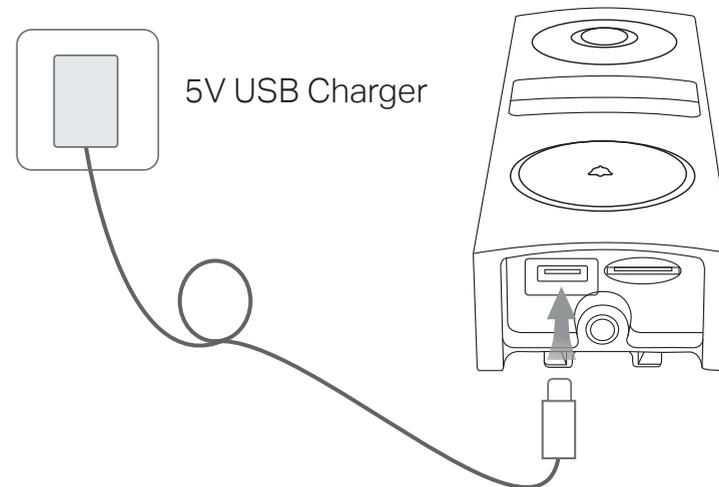
LED Indicator	Descriptions
Solid red	Starting up
Blinking red and green	Ready for setup
Blinking red slowly	Connecting to Wi-Fi
Solid amber	Connected to Wi-Fi
Solid green	Connected to the cloud
Blinking green quickly	Chime upgrading
Blinking red quickly	Chime resetting

# Set Up Your Doorbell

Follow the steps below to get started with your new doorbell.

## Step 1 Charge the Doorbell

Plug in the USB cable to charge your doorbell. When you plug in the charger, the LED should blink amber quickly for 3 seconds.



**Warning: Do not tear off the silicone part by force as it may affect the waterproof and dustproof performance.**

### Notes:

- Charge the doorbell before use. This will take about 7 hours.
- The USB charger is not provided.
- Peel off film from the doorbell before use.
- Keep the ports firmly covered when not in use to ensure waterproof and dustproof performance.
- The doorbell may not power up after falling. Plug in the USB charger to power it on again.

## Step 2 Set Up

### 1. Download and install the MERCUSYS app

Scan the QR code below or go to the Google Play or Apple App Store to download the MERCUSYS app.

Install the app on your mobile device.



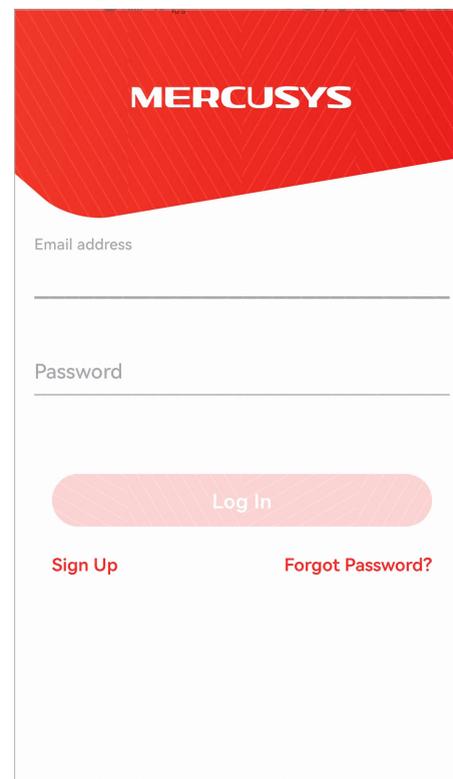
OR



### 2. Log in or sign up with MERCUSYS ID

Open the app and use your MERCUSYS ID to log in.

Note: If you don't have a MERCUSYS ID, tap **Sign Up** to create one. The app will guide you through the process.

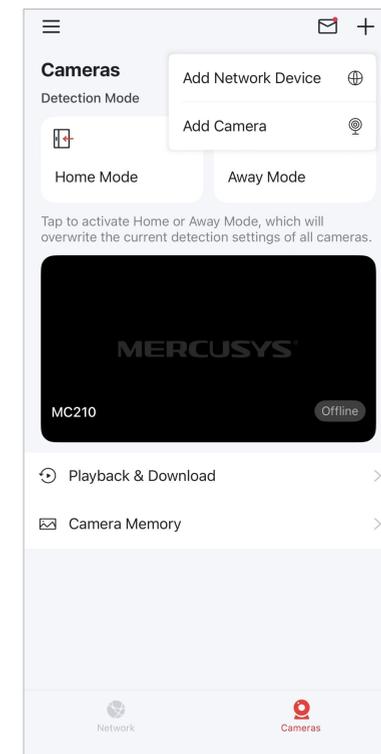


The screenshot shows the login interface of the MERCUSYS app. At the top, the word "MERCUSYS" is displayed in white on a red background. Below this, there are two input fields: "Email address" and "Password". A large red button labeled "Log In" is positioned below the password field. At the bottom of the screen, there are two links: "Sign Up" and "Forgot Password?".

### 3. Set up the doorbell & Pair with the chime

Press the **RESET** button on the back of the doorbell for **3 seconds** to power on the doorbell and plug the chime.

Tap **+ > Add Camera** and follow the step-by-step instructions to set up the doorbell and pair it with the chime.

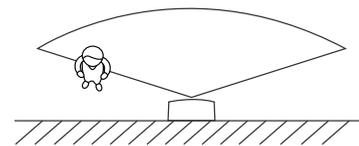


# Install Your Doorbell

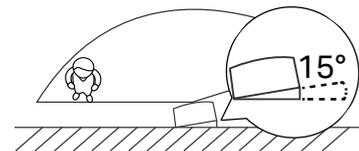
You can stick your doorbell to a smooth wall or mount it on a wall.

## Installation Tips

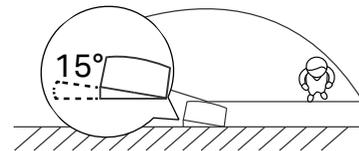
- Install the doorbell on a flat and clean wall.
- The doorbell should be placed 1.2 m (4 ft) above the ground.
- Use the included 15° mounting wedge for a more focused view from a specific side.



Without  
Mounting Wedge



With  
Mounting Wedge



With  
Mounting Wedge  
(Rotate 180°)

- Avoid placing the doorbell close to a side wall in the field of view. If you must, use the mounting wedge to adjust the viewing angle to reduce reflected light from the wall for better night vision performance.

## Option 1: Stick to a smooth wall

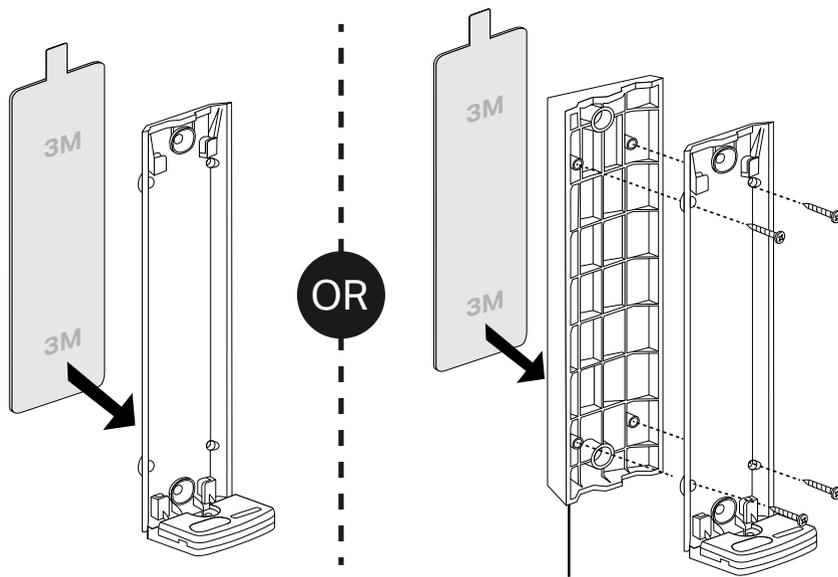
1. Attach the included adhesive to the bracket or wedge. If you use the wedge to adjust the angle, first affix the bracket and the wedge with the mounting wedge screws.

Note: The adhesive is for one-time use. Avoid re-using the adhesive to ensure its adhesion.

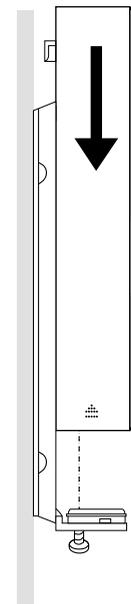
2. Wipe the surface with a dry cloth, stick the bracket (or bracket with wedge) with adhesive to a clean wall, and press for 15 seconds to ensure it is firmly attached.

Note: This is applicable with tile, glass, marble, metal, stainless steel, and smooth wall surfaces.

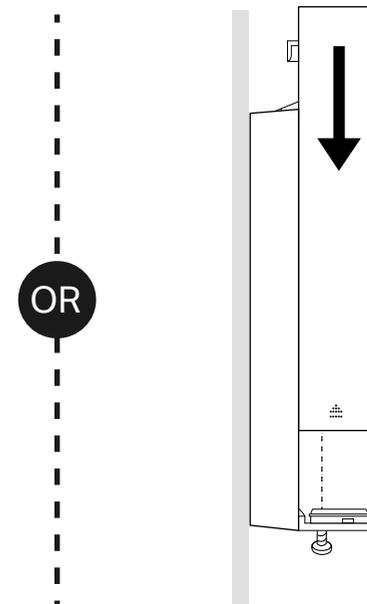
3. Attach the doorbell to the bracket, sliding down to the bottom until it clicks into place. Then tighten the screw at the bottom to secure the doorbell.



Mounting Wedge  
You can flip it upside down to adjust the angle.



Without  
Mounting Wedge

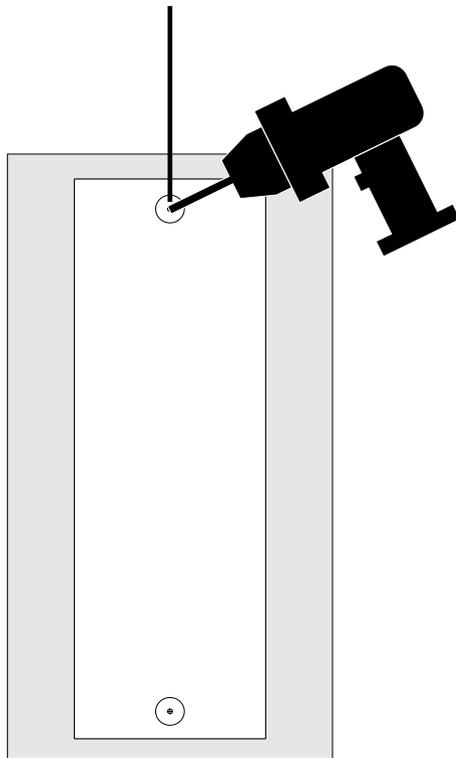


With  
Mounting Wedge

## Option 2: Mount on a Wall

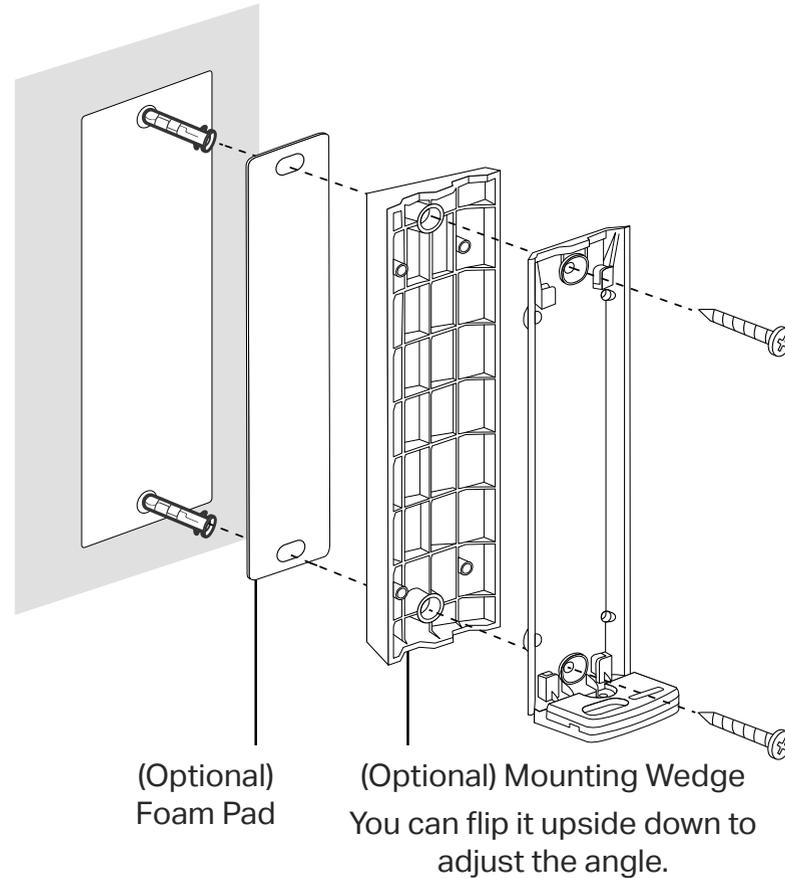
1. Stick the mounting template sticker to the desired mounting place. Drill two holes according to the template.

$\Phi=6$  mm (15/64 in.)

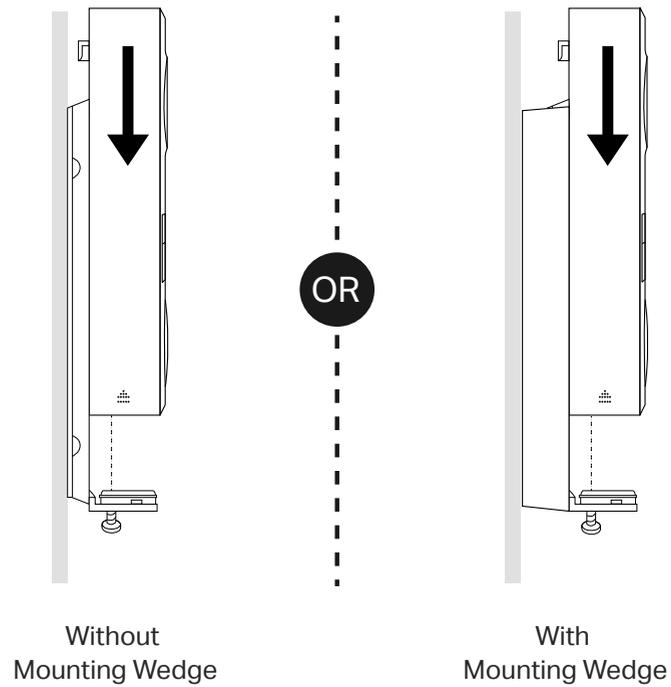


2. Insert two anchors into the holes. Use the mounting screws to affix the bracket (or wedge with bracket if you use the wedge to adjust the angle) on the wall.

Note: When mounting to uneven walls, stick the foam pad on the back of the bracket (or wedge if used).

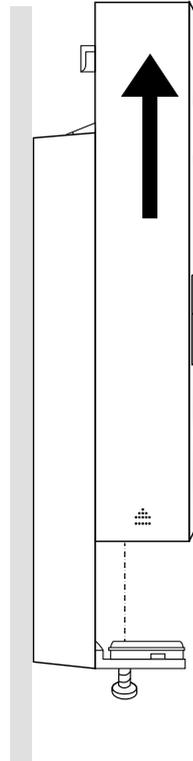


3. Attach the doorbell to the bracket, sliding down to the bottom until it clicks into place. Then tighten the screw at the bottom to secure the doorbell.



# Uninstall Your Doorbell

Loosen the screw at the bottom of the bracket. Hold the doorbell and pull it up to detach it from the bracket.



# Authentication

## CE Mark Warning



## OPERATING FREQUENCY (the maximum transmitted power)

2412 MHz-2472 MHz (20 dBm)

2402 MHz-2480 MHz (10 dBm)

## EU Declaration of Conformity

MERCUSYS hereby declares that the Battery Video Doorbell is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 2011 /65/EU and (EU) 2015/863.

The original EU declaration of conformity may be found at <https://www.mercusys.com/en/ce/>.

## RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.



## UK Declaration of Conformity

MERCUSYS hereby declares that the Battery Video Doorbell is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK declaration of conformity may be found at <https://www.mercusys.com/support/ukca/>.

## Korea Warning Statements:

당해 무선설비는 운용중 전파혼신 가능성이 있음 .



## NCC Notice & BSMI Notice

注意!

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

為避免本器材影像畫面遭偷窺或擷取，本器材使用者應先修改預設密碼，並定期更新密碼。

## 安全諮詢及注意事項

- 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。
- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。
- 不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。
- 請勿更換規格不正確的電池，以免導致產品內的安全防護機制失效。請勿將電池丟入火中或烤箱中或使用機器擠壓 / 切割電池，以避免導致爆炸。
- 請勿將電池放置在極端高溫的環境中，或放置於極低的氣壓下，否則可能導致爆炸，或造成易燃液體、氣體洩漏。
- 安裝高度不得超過 2 公尺。
- 產品外接電源供應器供電時，需使用 BSMI 認證的電源供應器且用於室內，電源供應器符合如下規格要求：輸出 5Vdc，至少 1A，符合 LPS/PS2，操作溫度至少符合 35° C。

## 限用物質含有情況標示聲明書

設備名稱: Battery Video Doorbell		型號 (型式) : MD210				
Equipment name		Type designation (Type)				
單元 Unit	限用物質及其化學符號					
	Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr <sup>+6</sup> )	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
USB 線	—	○	○	○	○	○
其他及其 配件	—	○	○	○	○	○
備考 1. “超出 0.1 wt %” 及 “超出 0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值 Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.						
備考 2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.						
備考 3. “—” 係指該項限用物質為排除項目。 Note 3: The “—” indicates that the restricted substance corresponds to the exemption.						



Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.



## Safety Information

- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Do not use the device where wireless devices are not allowed.
- Adapter shall be easily accessible.
- Use only power supplies which are provided by manufacturer and in the original packing of this product. If you have any questions, please do not hesitate to contact us.
- For the doorbell, keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.  
For the chime, keep the device away from water, fire, humidity or hot environments.
- Do not disassemble, repair or modify the product.
- Do not place near automatically controlled devices such as fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.
- Observe restrictions on using wireless products in fuel depots, chemical plants or when blasting operations are in progress.
- Do not use liquid to clean the product. Only use a dry cloth.
- Never put metal objects inside the product. If a metal object enters the product, turn off the circuit breaker and contact an authorised electrician.
- This product is not intended to be used when providing medical care. Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids to determine if they are adequately shielded from external RF (radio frequency) energy.
- Do not use this product in health care facilities. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.
- Do not place heavy objects on top of the product.
- When you leave the product unused for a long time, unplug the product from the power outlet.
- This product may interfere with other electronic products such as TV, radios, personal computers, phones or other wireless devices.
- Always follow the local waste and recycle laws when you get rid of the used battery.
- Do not use the product if the casing has been broken. Danger of electric shock.
- Never touch the product with wet hands.
- Doorbell Operating Temperature: -20°C ~ 45°C (-4°F ~ 113°F)  
Chime Operating Temperature: 0°C ~ 40°C (32°F ~ 104°F)

- This equipment can be powered only by equipments that comply with Power Source Class 2 (PS2) or Limited Power Source (LPS) defined in the standard of IEC 62368-1.
- The mounting height should not be higher than 2 meters.

**CAUTION!**

Avoid replacement of a battery with an incorrect type that can defeat a safeguard.  
 Avoid disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

Do not leave a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; Do not leave a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

**Camera Power Consumption:**

1. Power consumption in networked standby: 0.95 W
2. Power consumption in networked standby when all wireless network ports are activated: 0.95 W
3. Power consumption in low power mode: 0.06 W
4. The default period of time after which the power management function switches the equipment automatically into a condition providing networked standby or low power mode:   20   minutes

Use only power supplies listed in the user instructions:

Manufacturer	Model (for EU version)
AOHAI	A806A-050100U-EU1

**Chime Power Consumption:**

1. Power consumption in networked standby: 0.50 W
2. Power consumption in networked standby when all wireless network ports are activated: 0.50 W
3. Power consumption in low power mode: 0.48 W
4. The default period of time after which the power management function switches the equipment automatically into a condition providing networked standby or low power mode:   20   minutes

## Explanation of the symbols on the product label

The product label can be found at the back of the device. Symbols may vary from products.

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing
	Alternating current
	DC voltage
	Polarity of output terminals
	Indoor use only
	Dangerous voltage
	Caution, risk of electric shock
	Energy efficiency Marking
	Protective earth
	Earth

Symbol	Explanation
	Frame or chassis
	Functional earthing
	Caution, hot surface
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)
	Fuse
	Fuse is used in neutral N
	<p>RECYCLING</p> <p>This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.</p> <p>User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.</p>
	Caution, avoid listening at high volume levels for long periods

Symbol	Explanation
	Disconnection, all power plugs
m	Switch of mini-gap construction
μ	Switch of micro-gap construction (for US version) Switch of micro-gap / micro-disconnection construction (for other versions except US)
ε	Switch without contact gap (Semiconductor switching device)