

User Guide

Outdoor Pan/Tilt Security Wi-Fi Camera

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About This Guide

This guide provides a brief introduction to the Outdoor Pan/Tilt Security Wi-Fi Camera and regulatory information.

Note: Features available in MERCUSYS may vary by model and software version. MERCUSYS availability may also vary by region. All images, steps, and descriptions in this guide are only examples and may not reflect your actual MERCUSYS Camera experience.

Conventions

In this guide, the following conventions are used:

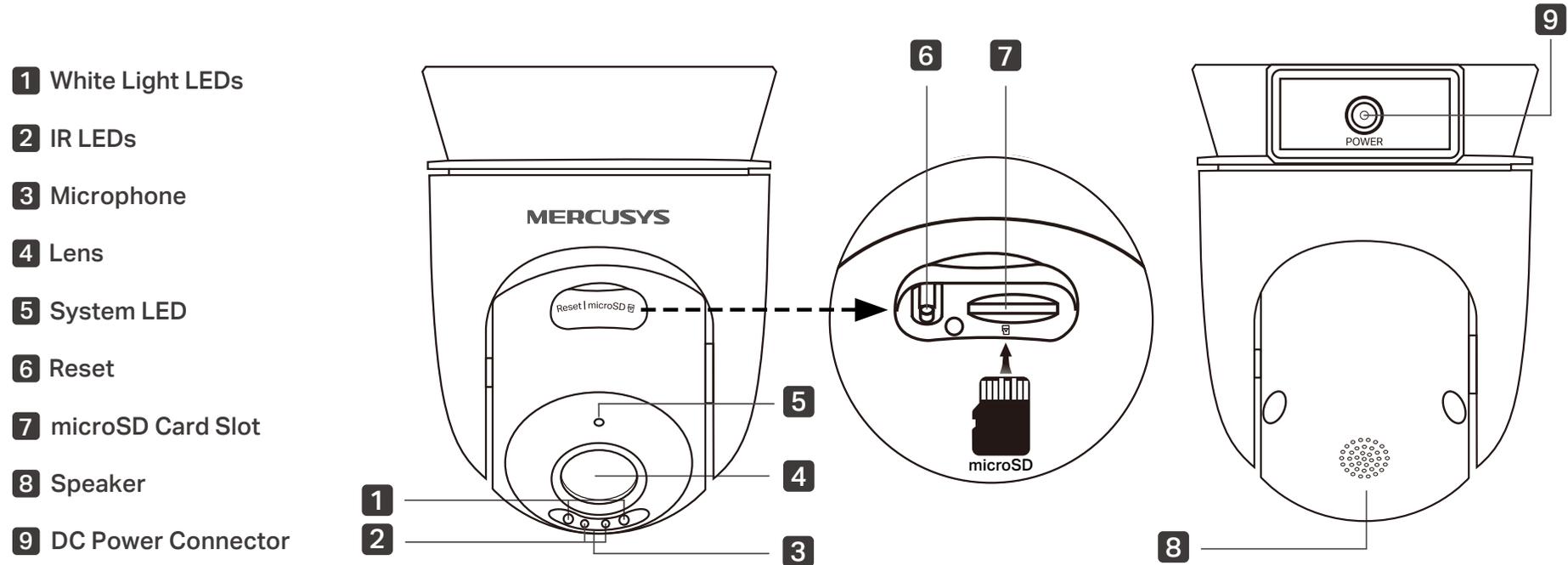
Convention	Description
<u>Underline</u>	Hyperlinks are in red and underlined. You can click to redirect to a website or a specific section.
Red	Key information appears in red, including management page text such as menus, items, buttons and so on.
Note:	Ignoring this type of note might result in a malfunction or damage to the device.

More Info

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

Appearance

The Outdoor Pan/Tilt Security Wi-Fi Camera has a system LED that changes color according to its status, a lens, microphone, speaker, DC power port, RESET button and a microSD card slot. Please refer below for details.



Reset Button

Open the silicone cover. While the camera is powered on, press and hold the RESET button to reset the camera.

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

microSD Card Slot

Open the silicone cover and insert a microSD card*. Initialize it on the MERCUSYS app for local recording.

*microSD card not included.

System LED Indication

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 red quickly	Camera resetting
Blinking green quickly	Camera updating

Set Up Your Camera

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

1. Download and install the MERCUSYS app

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

Install the app on your phone or tablet.



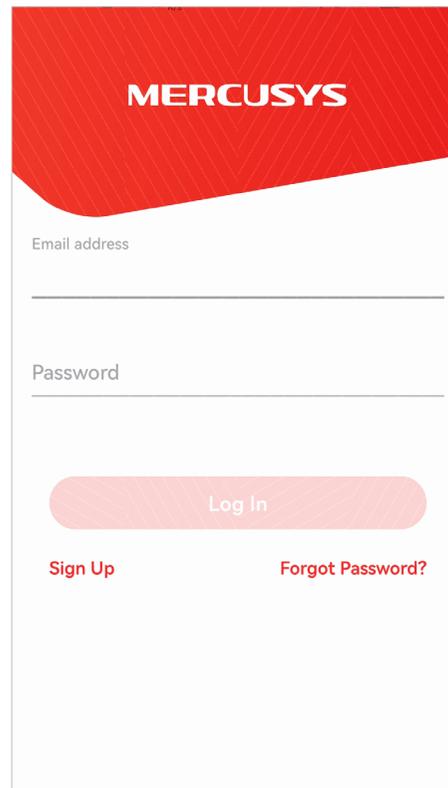
OR



2. Log in or sign up with Mercusys ID

Open the app. Use your Mercusys ID to log in.

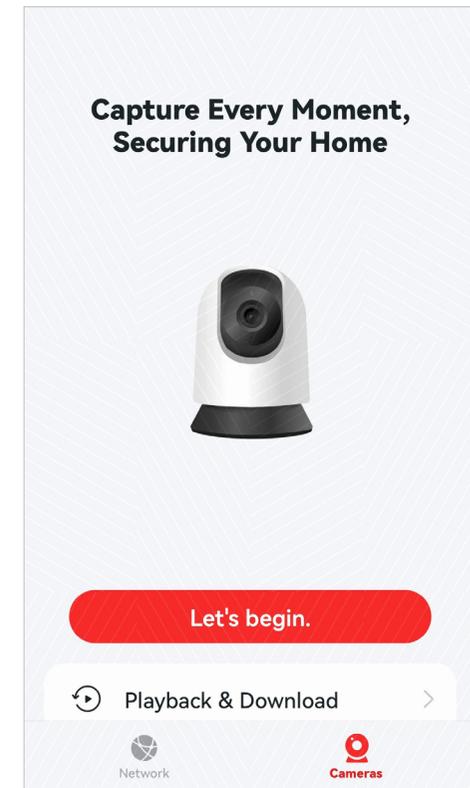
Note: If you don't have a Mercusys ID, tap Sign Up. The app will guide you through the rest.



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 red "Log In" button is positioned below the password field. At the bottom of the screen, there are two links: "Sign Up" and "Forgot Password?".

3. Connect and configure Camera Device

Tap **"Camera"**, then tap **"LET'S BEGIN"** and follow the step-by-step instructions to connect and configure your camera.

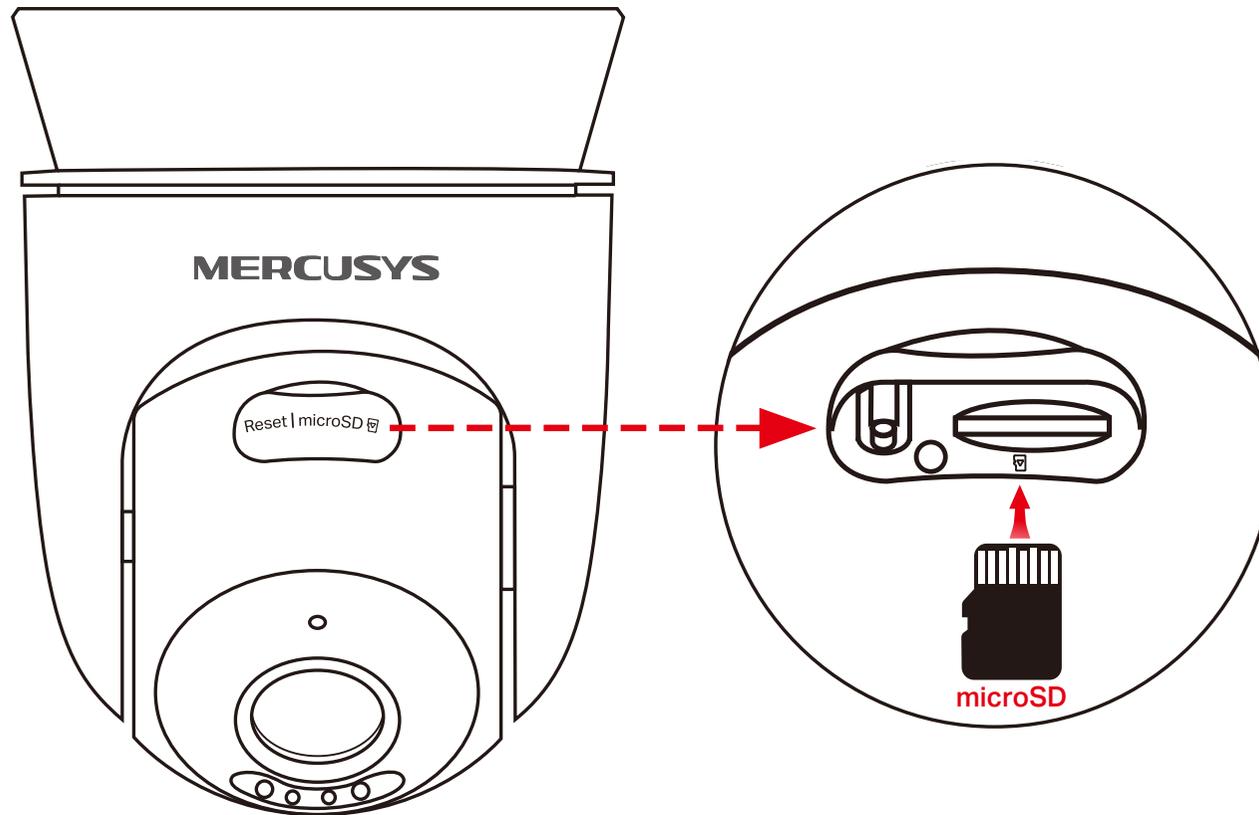


Install a microSD Card

Follow the steps below to install the microSD card for local recording. You can go to [Device Settings > Storage & Recording > microSD Card](#) in the MERCUSYS app to check the card status or format your card.

1. Manually rotate the camera downwards. Open the silicone cover to find the microSD card slot.

2. Identify the direction of the microSD card and carefully insert the card into the slot. Push in the card until you hear a clicking sound.



Mount Your Camera

When you finish adding your camera in the MERCUSYS app, you can mount it on a wall or ceiling with the provided mounting template and screws. You can also mount it on the pole with mounting loops. Follow the steps below to mount your new camera.

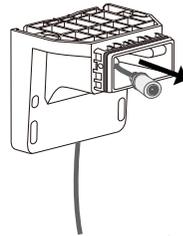
■Note: The camera is not waterproof when set on a table or shelf. Mount the camera via Option 1-3 when installing outdoors.



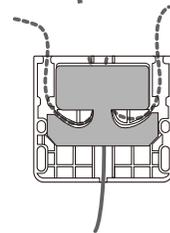
Option 1: Wall Mount

1. Prepare for Mounting

1) Route the camera power cord through the opening of the bracket.

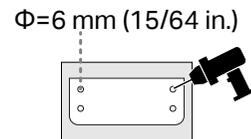


2) Stuff the waterproof foam gasket into the bracket.

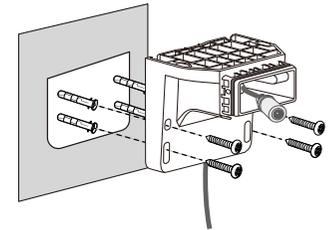


2. Mount the Bracket

1) Stick the mounting template to the desired mounting place. Drill four screw holes according to the template.

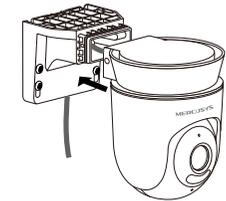


2) Insert four mounting anchors into the holes, then use the mounting screws to affix the bracket over the anchors.

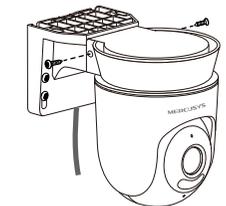


3. Mount the Camera to the Bracket

1) Connect the power cord to the camera. Attach the camera to the mounting bracket.



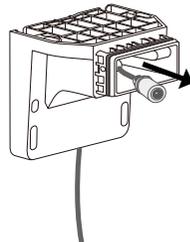
2) Use two bracket screws to affix the bracket and the camera.



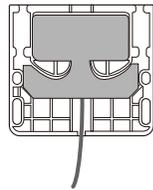
Option 2: Overhang Mount

1. Prepare for Mounting

1) Route the camera power cord through the opening of the bracket.

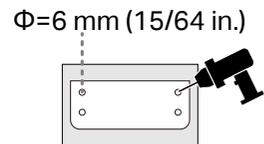


2) Stuff the waterproof foam gasket into the bracket.

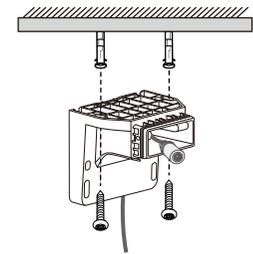


2. Mount the Bracket

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

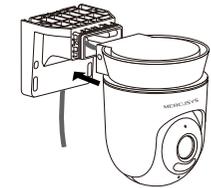


2) Insert two mounting anchors into the holes, then use the mounting screws to affix the bracket over the anchors.

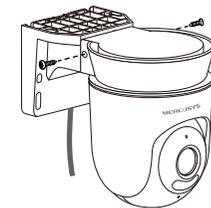


3. Mount the Camera to the Bracket

1) Connect the power cord to the camera. Attach the camera to the mounting bracket.



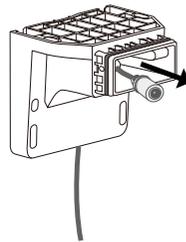
2) Use two bracket screws to affix the bracket and the camera.



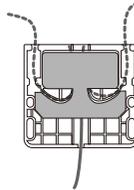
Option 3: Pole Mount

1. Prepare for Mounting

1) Route the camera power cord through the opening of the bracket.

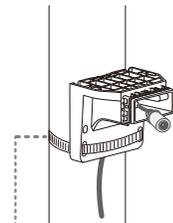


2) Stuff the waterproof foam gasket into the bracket.



2. Mount the Bracket

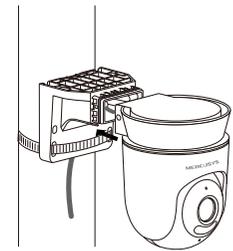
Mount the bracket on the pole using one pole-mounting loop* (loop width $\leq 12\text{mm}$).



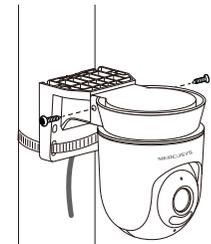
Pole-mounting loop
(Not provided)

3. Mount the Camera to the Bracket

1) Connect the power cord to the camera. Attach the camera to the mounting bracket.



2) Use two bracket screws to affix the bracket and the camera.



Authentication

CE Mark Warning



OPERATING FREQUENCY (the maximum transmitted power)

2400MHz—2483.5MHz (20dBm)

EU Declaration of Conformity

Mercusys hereby declares that the pan/tilt home security wi-fi camera 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.

UKCA Mark



UK Declaration of Conformity

Mercusys hereby declares that the pan/tilt home security wi-fi camera 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。
- 電源供應器應使用在環境溫度低於或等於 40°C 的室內。



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

EAC

限用物質含有情況標示聲明書

設備名稱：戶外旋轉式防護 WiFi 攝影機				型號（型式）：MC510/MC500/MC4021/MC4031		
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 ⁺⁶)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
PCB 印刷電路板	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供應器	—	○	○	○	○	○
其他及其 配件	—	○	○	○	○	○
<p>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.</p> <p>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.</p> <p>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.</p>						

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 don't hesitate to contact us.
- Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.
- Do not disassemble, repair or modify the product.
- Do not use the product if the casing has been broken. Danger of electric shock.
- Never touch the product with wet hands.
- 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.
- Adapter should be used indoors where the ambient temperature is lower than or equal to 40 °C.
- Operating Temperature: -20 °C ~ 50 °C (-4 °F ~ 122 °F)
- The Equipment marking is at the bottom of the device.

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.

Explanation of the symbols on the product label

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)