SwitchBot Pan/Tilt Cam 2K
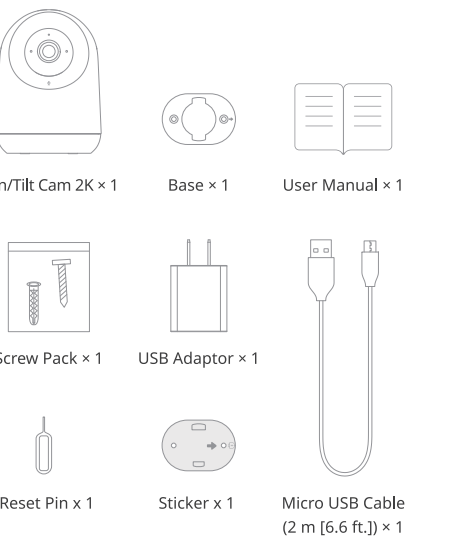## User Manual
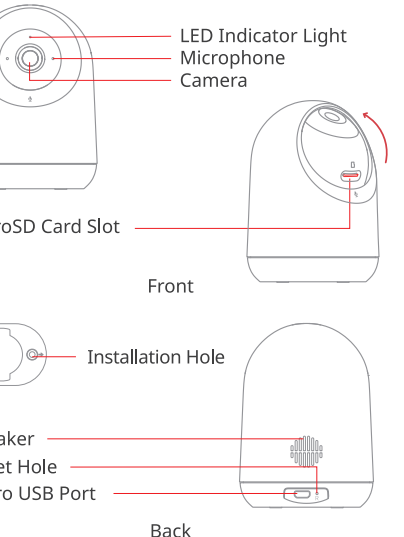
Please read this user manual carefully before using your device.

Package Contents

Pan/Tilt Cam 2K × 1

Base × 1

User Manual × 1

Screw Pack × 1

USB Adaptor × 1

Reset Pin x 1

Sticker x 1

Micro USB Cable (2 m [6.6 ft.]) × 1

List of Components

LED Indicator Light
Microphone
Camera

MicroSD Card Slot

Front

Installation Hole

Speaker
Reset Hole
Micro USB Port

Back

Specifications

Product Name: SwitchBot Pan/Tilt Cam 2K
Model: W3101100
Power Input: 5 V⎓2 A
Video Resolution: 2K
Image Compression: H.264
Field of View: 100° diagonal
Storage: Supports up to 256 GB microSD card, FAT32 format
Operating Temperature: —15 ℃ to 45 ℃ (5 °F to 113 °F)
Operating Humidity: ≤95 % RH
Network Connectivity: 802.11b/g/n, 2.4 GHz
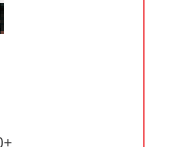
Instructions

Add Device to the SwitchBot App

❶ Connect the device to a power supply
Connect the camera to power supply using cable. The light indicator on the camera will flash red when power is connected.
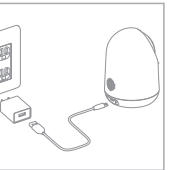
❷ Download and install the SwitchBot app
Download the SwitchBot app on App Store or Google Play Store.

iOS 11.0+   Android OS 5.0+

❸ Add the camera
· Open our app, create a SwitchBot account or sign in directly if you already have one.
· Put the camera closer to the router and ensure that the camera is powered on.
· Tap "+" at the top right of the Home page, find the Pan/Tilt Cam 2K icon and select, then follow the instructions to add your camera.

Precautions

1. When letting your camera scan the QR code on your phone to access the internet, please make sure that your phone screen is brighter than the surrounding environment.

2. Make sure the anti-rub function of your Wi-Fi is turned off. Turning on this function may lead to a connection failure.

3. Please make sure your camera is connected to a 802.11b/g/n, 2.4GHz, IPV4 wireless network.
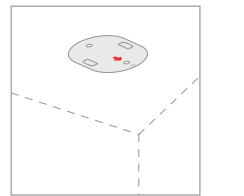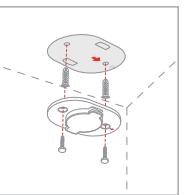
How to Install

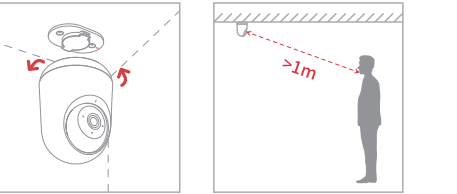① Put on a table

>1m
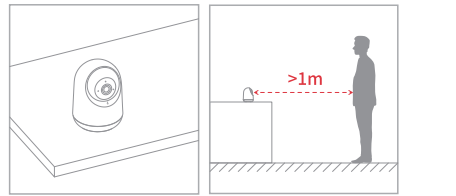
② Install on a ceiling or wall

Attach the sticker to a ceiling/wall surface you want to install on.

Then install the base at the place of the sticker.

Attach the camera firmly on the base.

If you are installing the camera on a ceiling, go to Pan/Tilt Cam 2K > Settings > Basic Settings in the app and turn on the Flip Screen function.

Features

1. Pan-Tilt Control

Pan-Tilt Control consists of vertical and horizontal control. The vertical visual angle is 115° and horizontal visual angle is 360°. You may control its direction and view images from different angles remotely via the app.

360°

115°

>1m
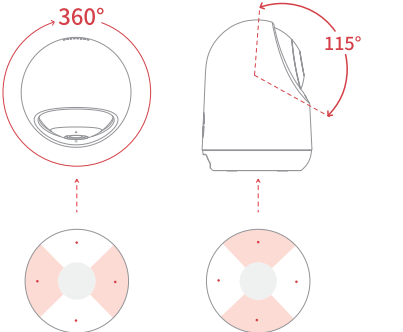
www.switch-bot.com

V2.0-2205

2. Motion Detection

When Motion Detection is turned on, Pan/Tilt Cam 2K will take a photo and record a video (requires a memory card and Recording to be turned on) of any moving object detected and send you notifications (requires Allow Notifications to be turned on).

3. Motion Tracking

When Motion Tracking is turned on, Pan/Tilt Cam 2K will follow the objects as they move, and rotate horizontally or vertically to keep them in the middle of the screen. It will also take a photo and record a video of the event (requires a memory card and Recording to be turned on).

4. Third-Party Integration

Pan/Tilt Cam 2K can connect to Amazon Alexa and Google Assistant for voice control.
• After adding the device, please ensure your phone has a normal network connection.
• Go to Pan/Tilt Cam 2K> Settings > Cloud Services in the app and link the third-party services to your SwitchBot account.

Alexa, show my Pan/Tilt Cam.

Hey Google, show my Pan/Tilt Cam.
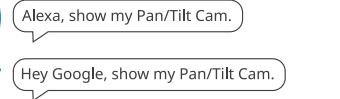
5. Night Vision

When Night Vision is turned on, Pan/Tilt Cam 2K will turn on infrared light and change the video to black and white. You can set this mode as Auto, so when the camera senses the surrounding is dark, Night Vision will auto turn on for you to see the dark scene more clearly.

6. Privacy Mode

When Privacy Mode is turned on, Pan/Tilt Cam 2K will enter hibernation and the camera lens will rotate to the inside. You will not be able to watch live videos via the app and features related to images like Motion Detection/Tracking will also be disabled.

Find the reset hole, hold down the reset button at the bottom with the reset pin for around 5 seconds until you hear a prompt tone. Now your camera has been reset and is ready for network reconfiguration.
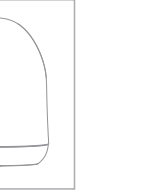
LED Indicator Light		Description
🔴 Red	Stays lit up	Device starting
🔴 Red	Flashes rapidly (0.25 s/ flash)	Ready to configure Wi-Fi
🟢 Green	Flashes slowly (1.5 s/ flash)	Connecting to Wi-Fi router
🟢 Green	Flashes rapidly (0.25 s/ flash)	Connected to Wi-Fi router and now connecting to the internet
🟢 Green	Stays lit up	Decive is online
🔴 Red + 🟢 Green	Flashes rapidly alternately (0.25 s/ flash)	Connected to Wi-Fi router but failed to connect to the internet
🔴 Red + 🟢 Green	Flashes slowly alternately (1.5 s/ flash)	Error in network connection

This product has a three-year warranty which begins from date of purchase. Should the following situations occur, your warranty and/or your eligibility for a return or refund may not be valid.

• Warranty expires.
• Intended damage or abuse.
• Inappropriate storage (including dropping or soaking in water).
• Unauthorized modifying or repair of product.
• Natural wear of product.
• Natural disasters.

Setup and Troubleshooting: support.switch-bot.com

Support Email: support.switch-bot.com

Feedback: If you have any concerns or problems when using our products, please send feedback via our app through the Profile > Feedback page.

• This camera is for indoor use only.
• Keep the device away from water, fire, humid or hot environments.
• Unplug this device if there is lightening storms or when unused for a long period.
• Do not attempt to disassemble, repair, or modify the device.
• Do not use damaged charger or USB cable to charge the device.
• Do not use any other chargers apart from those recommended.
• Do not use in places where wireless devices are not allowed.
• Adapter shall be installed near the equipment and shall be easily accessible.

To comply with RF exposure requirements, a minimum separation distance of 20 cm must be maintained between the user's body and the device, including the antenna. Use only the supplied or an approved antenna. This device is in compliance with the essential requirements and other relevant provisions of directive 2014/53/EU. All essential radio test suites have been carried out.

CE DOC
Hereby, Woan Technology (Shenzhen) Co., Ltd. declares that the radio equipment type W3101100 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: support.switch-bot.com

UKCA DOC
Hereby, Woan Technology (Shenzhen) Co., Ltd. declares that the radio equipment type W3101100 is in compliance with UK Radio Equipment Regulations (SI 2017/1206). The full text of the UK declaration of conformity is available at the following internet address: support.switch-bot.com

This product can be used in EU member states and UK.

Manufacturer: Woan Technology (Shenzhen) Co., Ltd. Address: Room 1101, Qiancheng Commercial Center, No. 5 Haicheng Road, Mabu Community, Xixiang Subdistrict, Bao'an District, Shenzhen, Guangdong, P.R.China, 518100

Importer Name:
Amazon Services Europe
Importer Address:
38 Avenue John F Kennedy, L-1855 Luxembourg, Art4-EU@amazon.com

Operation frequency (Max power)
Wi-Fi: 2412 MHz to 2472 MHz (14.78 dBm)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.
NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

인증번호와 상호: Woan Technology (Shenzhen) Co., Ltd.
제품명/모델명: SwitchBot Pan Tilt Cam 2K/W3101100
특정소출력 무선기기(무선데이터통신시스템용 무선기기)/W3101100
제조자 및 제조국가: Woan Technology (Shenzhen) Co., Ltd. / China
제조년월: 2022.07
인증번호: R-R-Woa-W3101100
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