POWEROLOGY

Powerology

Indoor PTZ Smart Camera
with Night Vision and Motion Sensor

SKU: PTZCAMWH

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Before installing and using the product, please carefully read this User Manual to guarantee correct usage and keep it secure for future reference.

Features

1. Offers a full HD resolution of 2304×1296 pixels for clear and detailed images.

2. Equipped with a 1/3" CMOS sensor that captures images with a resolution of up to 3 Megapixels.

3. Easily pair devices using Bluetooth or by scanning a QR code through AP mode.

4. Features advanced human body detection to enhance security monitoring.

5. Allows users to define specific areas for activity monitoring to focus surveillance.

6. Provides pan and tilt control for comprehensive coverage and surveillance flexibility.

7. Supports real-time monitoring to ensure immediate viewing of live footage.

8. Supports two-way audio communication with echo cancellation for clear sound quality.

9. Compatible with ONVIF standards, allowing integration with various network video devices.

10. Reduces false alarms with adjustable sensitivity levels for precise motion detection.

11. Features 3D Noise Reduction (3DNR) and Wide Dynamic Range (DWDR) for enhanced image clarity under various lighting conditions.

12. Includes two 850nm infrared LEDs for effective night vision up to a distance of 8-10 meters.

Specifications

Product Name	Powerology Indoor PTZ Smart Camera with Night Vision and Motion Sensor
SKU	PTZCAMWH
Resolution	2304 x 1296 ,3MP
Field of Vision	100°
Wi-Fi	2.4GHz
TF Card	Up to 256GB (Not included)
Audio	Two-way audio, Echo cancellation
Input Port	Type-C
Power	DC 5V
Working Temperature	-10°C to 50°C
SNR	≥58dB
Sensitivity	-2±36dB
Night Vision Type	IR-CUT auto switch
Night Vision Distance	8-10m
Humidity	<95 % (non-condensing)
Certifications	CE, ROHS, FCC
Pixel	2.0MP/3.0MP/4.0MP/5.0MP/8.0MP
Video Compression	H.264 H.265 High Profile
Image Enhancement	Digital Wide Dynamic 3D Noise Reduction
Local Storage	Micro TF card
Support Platform	Android/iOS
Wireless Encryption	WEP/WPA/WPA2 Encryption
Wireless Standard	2.4G 802.11 b/g/n
Indoor Camera Input	5V 1A(Min)
Outdoor Camera Input	5V 1A / 12V 1A(Min)
Bulb PT Camera Input	100~240V
Floodlight Camera Input	AC100-240V / DC5V 2.5A
Battery Camera Input	5V 2A

Product Function

1. Reset Button: Press and hold the "reset" button for 5 seconds to successfully reset the device.

2. Storage Recommendation: It is recommended to use an 8-128GB (Up to 256GB) high-speed Micro TF card to enable storage, view historical video, and support critical functions such as firmware upgrades.

App Connectivity

Download App:

1. Scan the QR code below to download and install the app.

2. Search for "Smart Life" App in Google Play or App Store. Download and install the app.

Register and Login: Open the "**Smart Life**" app and follow the prompts to register and log in.

Add The Device by QR Code

1. Make sure Wi-Fi is available and connected to the internet.

2. Connect the camera to the power, then wait for the system to complete startup.

3. Open the "Smart Life" app, press the '+' in the upper right corner of the main screen (Figure 1).

4. Choose "Security & Video Surveillance".

5. Click "Smart Camera" (Figure 2) to add the camera, and then click "Next Step" (Figure 3).
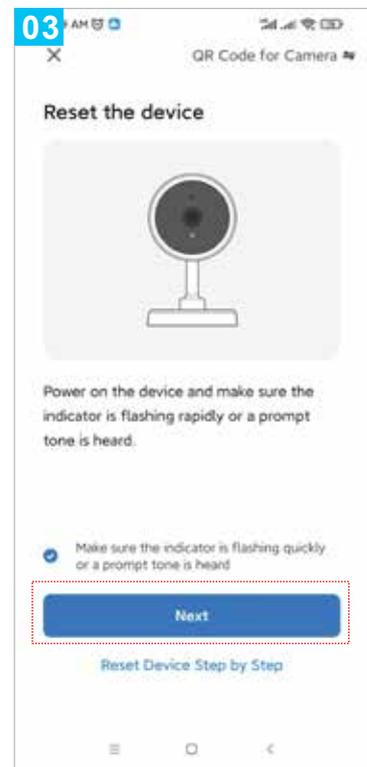
A. Wi-Fi Connection

Note: Please note that only a 2.4 GHz Wi-Fi network is supported.

1. If the mobile phone is not connected to Wi-Fi, please click "Connect to Wi-Fi" (Figure 04).

2. It will jump to the WLAN interface and connect to Wi-Fi (Figure 05).

3. If the phone is connected to Wi-Fi (Figure 06).
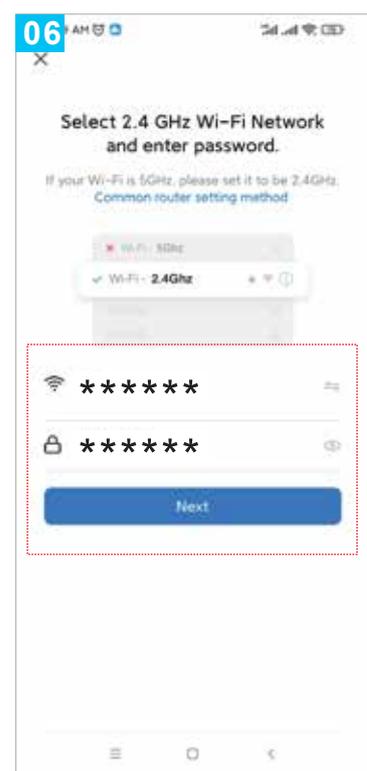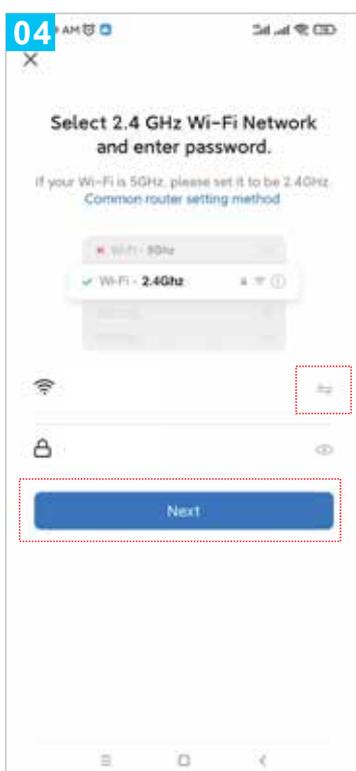
B. Connect the Camera

1. A QR code will appear on your screen, and you need to scan it with the Smart Camera.

2. The camera should be about 20-30 cm away from the mobile phone lens).

3. Click "Hear the prompt sound" (Figure 07).

4. The device will display "Connecting" (Figure 08).

Please scan the QR code from 15 to 20 cm away

I Heard a Prompt

No Prompts

Connecting Device

Power on the device.

01:59
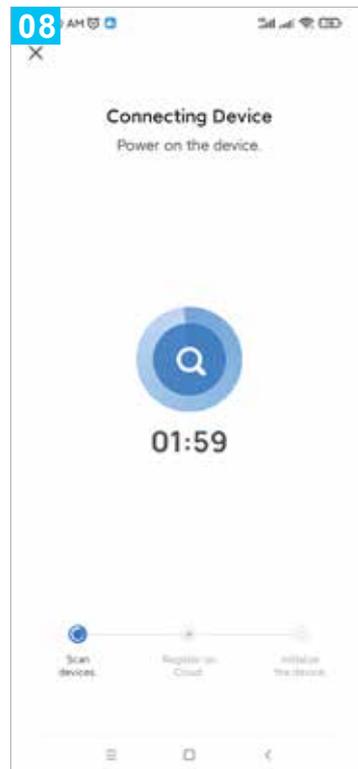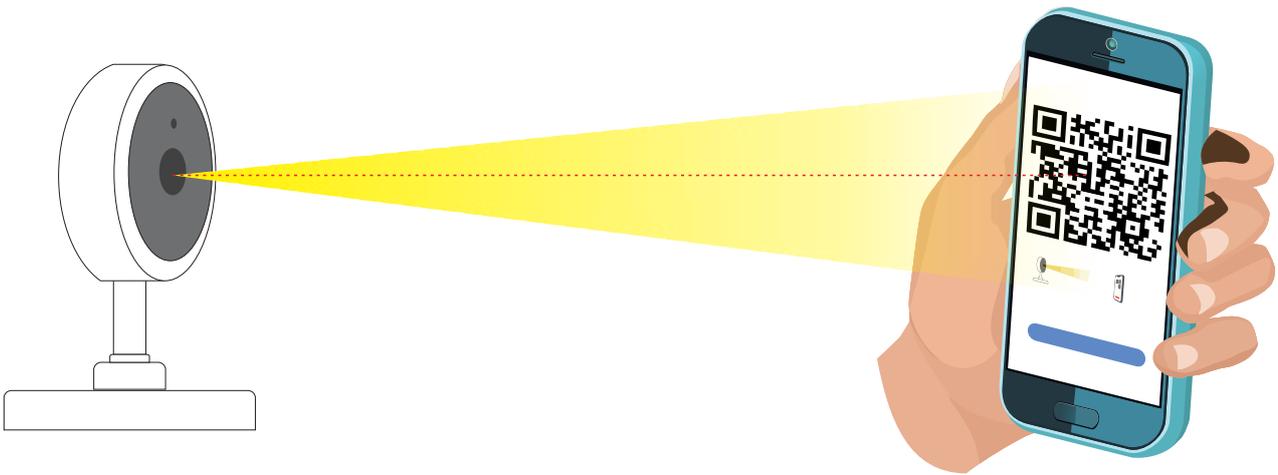
C. Finish Connection

1. Connection completed (Figure 09), then click "Done".

2. The interface will jump to the preview screen (Figure 10).

3. After closing the device preview interface, it returns to the app home page.

4. The connected device will appear on the app home page (Figure 11).

5. Click directly to the device interface to see the monitoring situation without needing to re-add it afterwards.
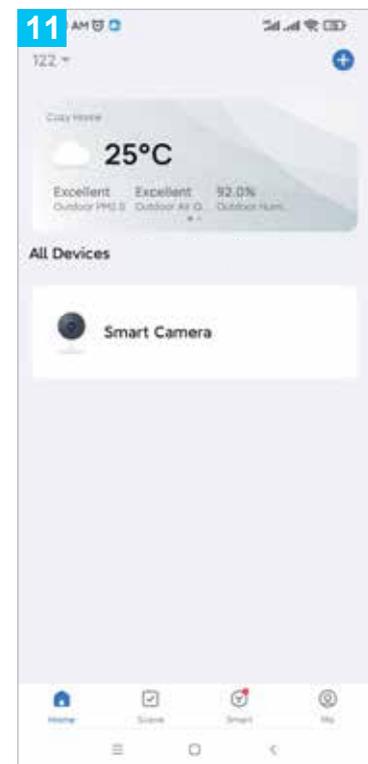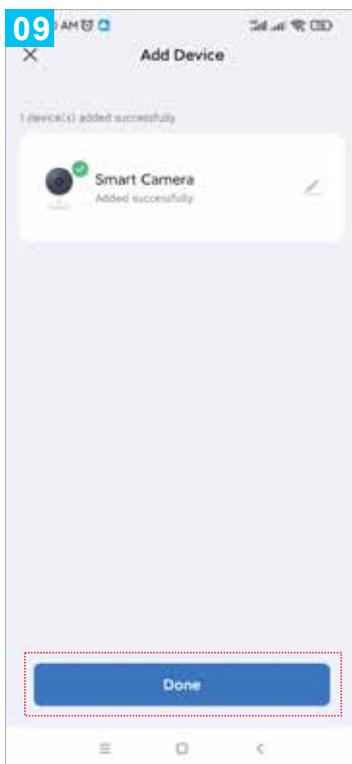
Add The Device by Bluetooth Connection

1. The app automatically searches for the device and finds the device. Click "Add" (Picture 12).

2. Enter the Wi-Fi account and password, then click "Next" (Picture 13).

1. Turn on the Bluetooth function of the phone.

2. Turn on the location.

3. The app automatically searches for the device.
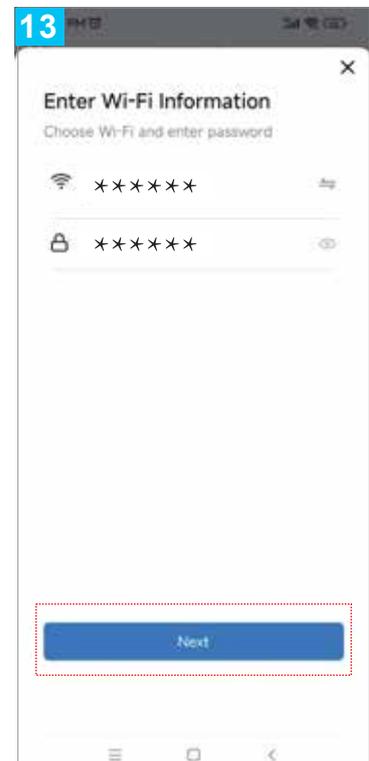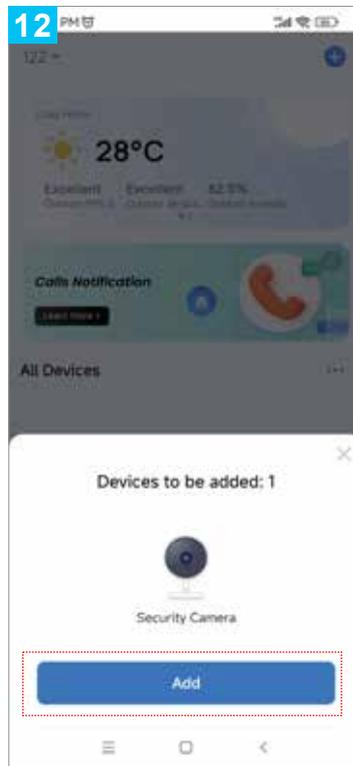
3. Connection successful Click Complete (Picture 14).

4. Video screen (Picture 15).
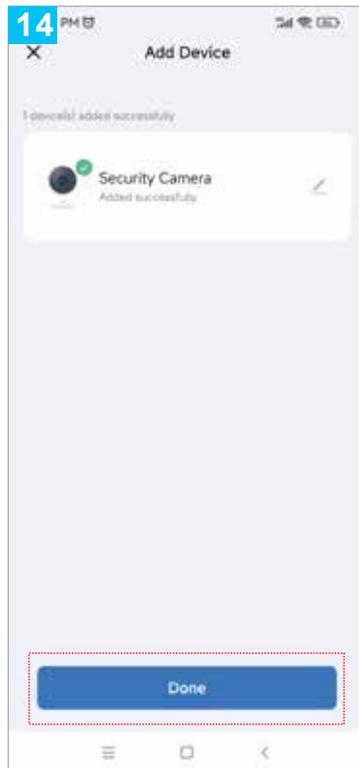
Important Notes

1. Try to keep away from metal spaces.

2. Avoid blockage by furniture or microwave ovens.

3. Avoid areas where audio, video, and data lines are available and transmitted and ensure to keep as much distance from them as possible.

4. Ensure the device is as close as possible to the coverage area of wireless Wi-Fi signals.

5. When switching network environments: In a new network environment, press the reset button for about 5 seconds, then connect to the network.

Warranty

Products that you buy directly from our **Powerology** website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from our **Powerology** website or store. If **Powerology** products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website **powerology.me/warranty** and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check:
powerology.me/warranty

Contact Us

If you have any questions about this Privacy Policy, please contact us at: **hey@powerology.me**
Website: **powerology.me**
Instagram: **powerology_official**
Facebook: **powerology.ME**