



Koios TRI

WIFI Nanny Camera USB Wall Outlet

USER MANUAL

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1. Camera Device Access



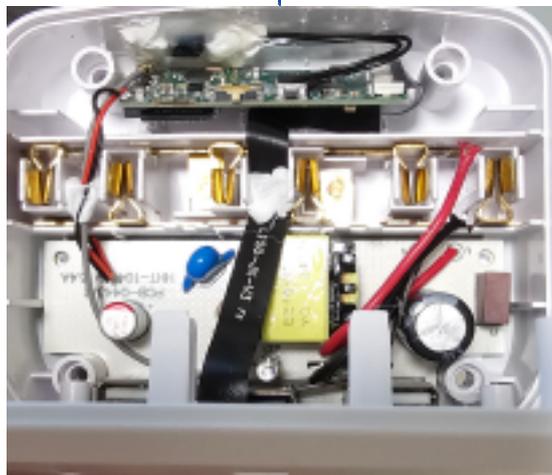
Access 4 screws from the back



Use the included triangle screwdriver

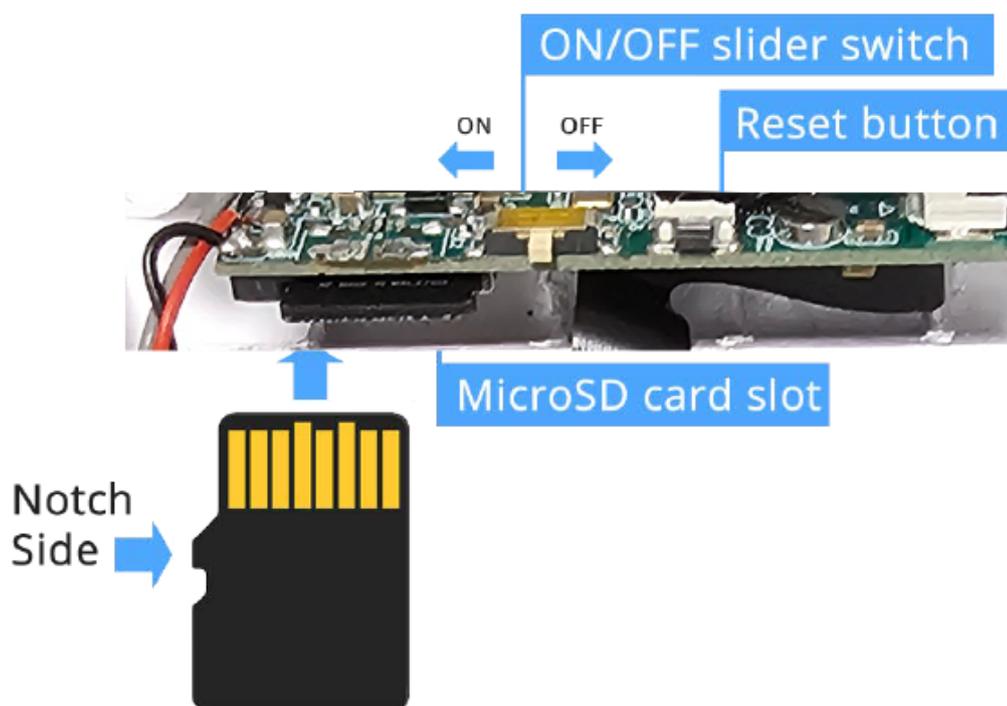


Camera Device
(inside)



Included: Koios-TRI Wall Adapter, Triangle-tool, Plug Manual , Kois Manual

2. Camera Device Diagram



3. Initial Setup

Media Storage

Insert a MicroSD memory card as shown in the diagram. The card should click in place. To remove it simply press it down again to toggle it back out.

Power ON/OFF

Slide the power switch left or right to turn the camera device on or off. Connect the Koios to any working wall plug.

Camera Reset

Resetting the camera device to factory default will fix most issues. While the ON/OFF switch is set to ON, press and hold the reset switch for 5 seconds, the camera will restart with factory settings.

4. App Installation

I. Setting up the App

Download the **HorizonCam** app from Google Play or the App Store. Or scan the QR code or use the URL links below from your phone.



Google Play



App Store



HorizonCam

Google Play / Android

<https://play.google.com/store/apps/details?id=com.jk.horizoncam>

App Store / iOS

<https://apps.apple.com/us/app/horizoncam/id1562457826>

5. Camera Startup

Find the camera device within the Koios as seen in the diagram page.

Ensure the ON/OFF switch is to the **ON** position (left). look for a **slow** blinking **blue** light inside the SD card slot. The light is also visible through the left-most plug slids. It may take 30 seconds for the light to change from solid blue to blinking blue.

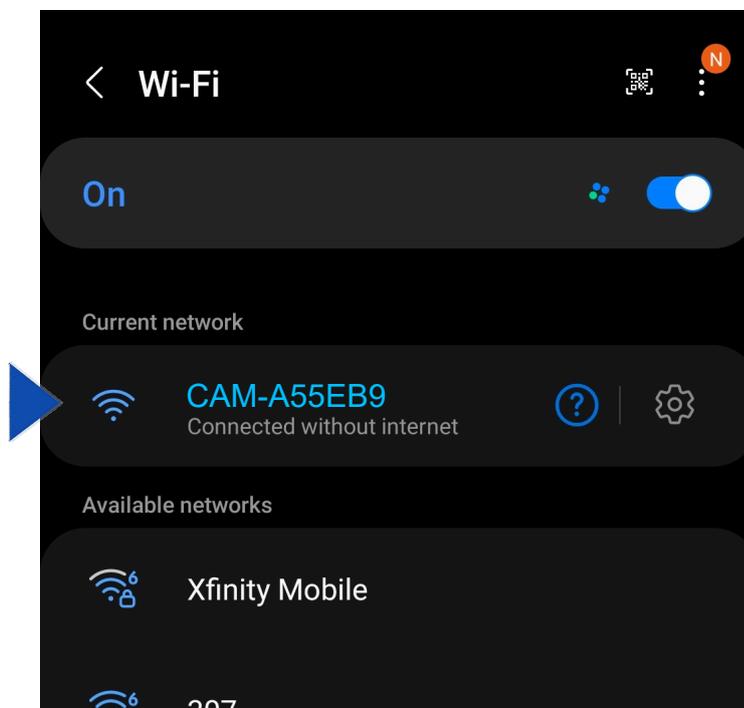


If you only see a red light, or no lights, ensure the device is charged, and try resetting the device according to the previous section.

6. WiFi Connection Setup

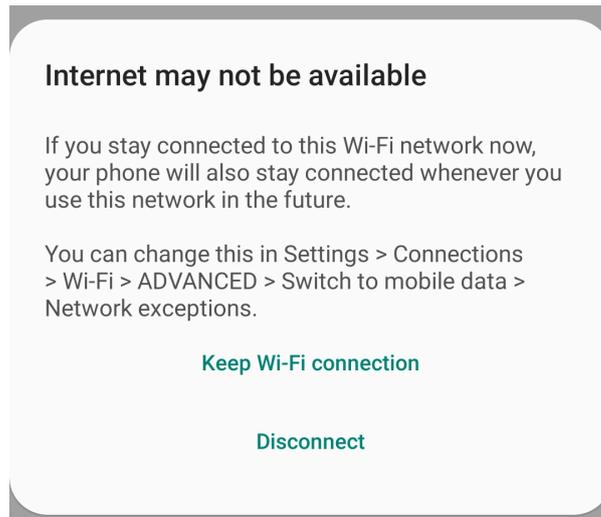
Please ensure to follow the previous step; **Camera Startup** to make sure the camera device is broadcasting it's own WiFi network.

In your smartphone, enter the mobile phone WI-FI settings, find the camera's WiFi network as shown as a sequence of character starting with **CAM-** ... as shown below.



NOTE: please ensure "Mobile data" and "Wi-Fi Assist" features are disabled to prevent your phone from automatically using another network.

You may get a prompt warning that the internet is not available. If so, choose to **Keep Wi-Fi connection**.



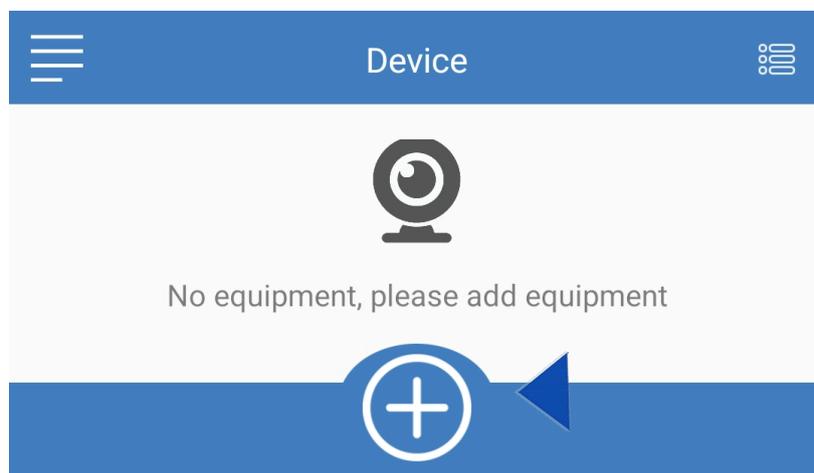
Your phone should now be connected to the camera device.

7. Hotspot Mode

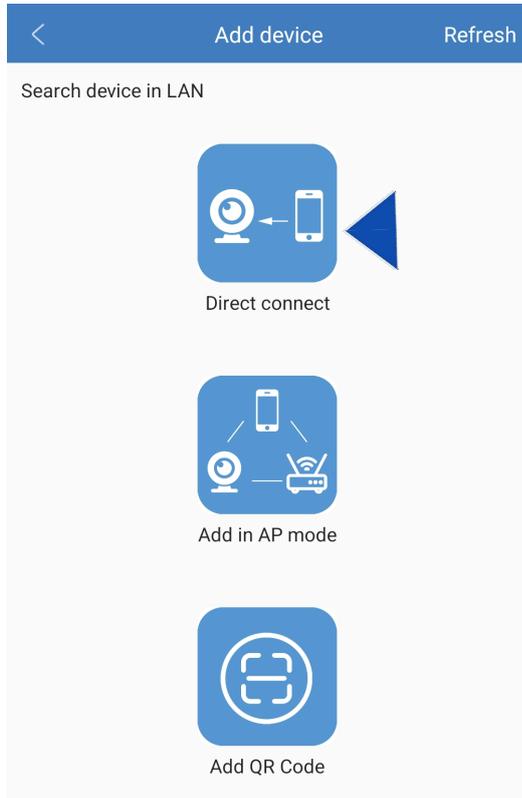
This section is so you will be able to view the camera live on your phone using the the **HorizonCam** app. No WiFi is required if your phone is within 30 feet range of the **Koios**.

This mode of operation is ideal if the Koios is installed in plug beyond the range of a WiFi network.

After completing the previous section, when you first open the **HorizonCam** app, click the plus to add the new camera device.

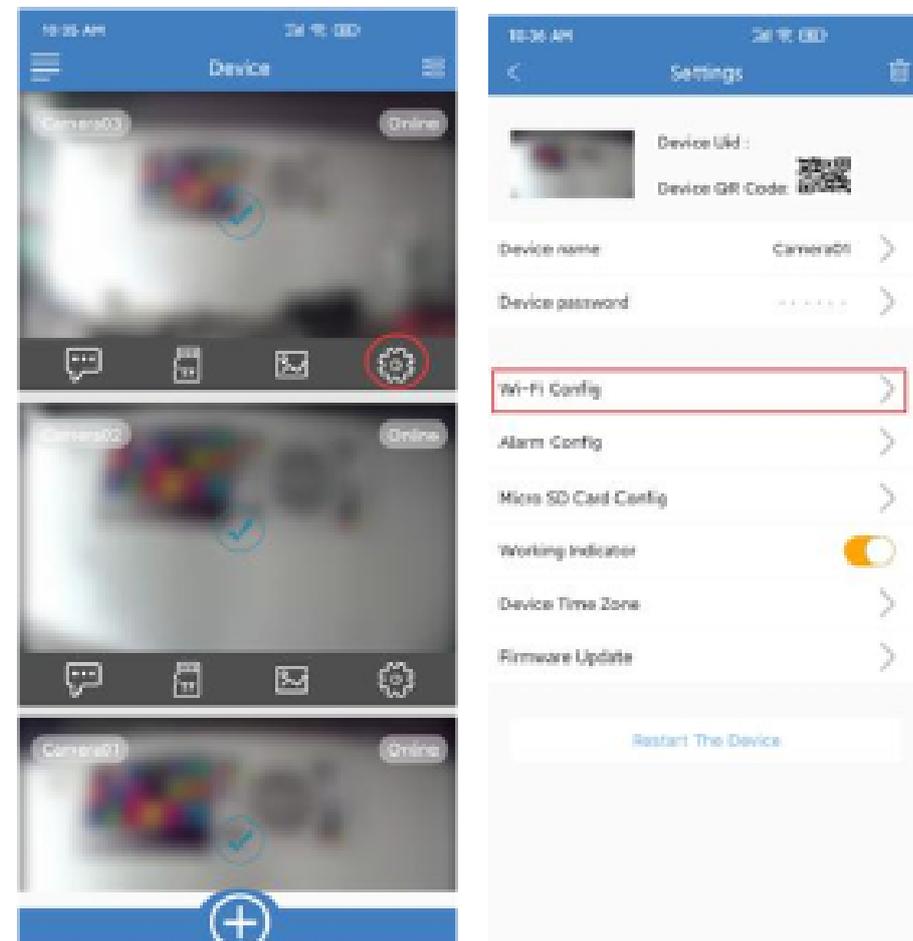


Tap **Direct connect**, or Add **App mode**

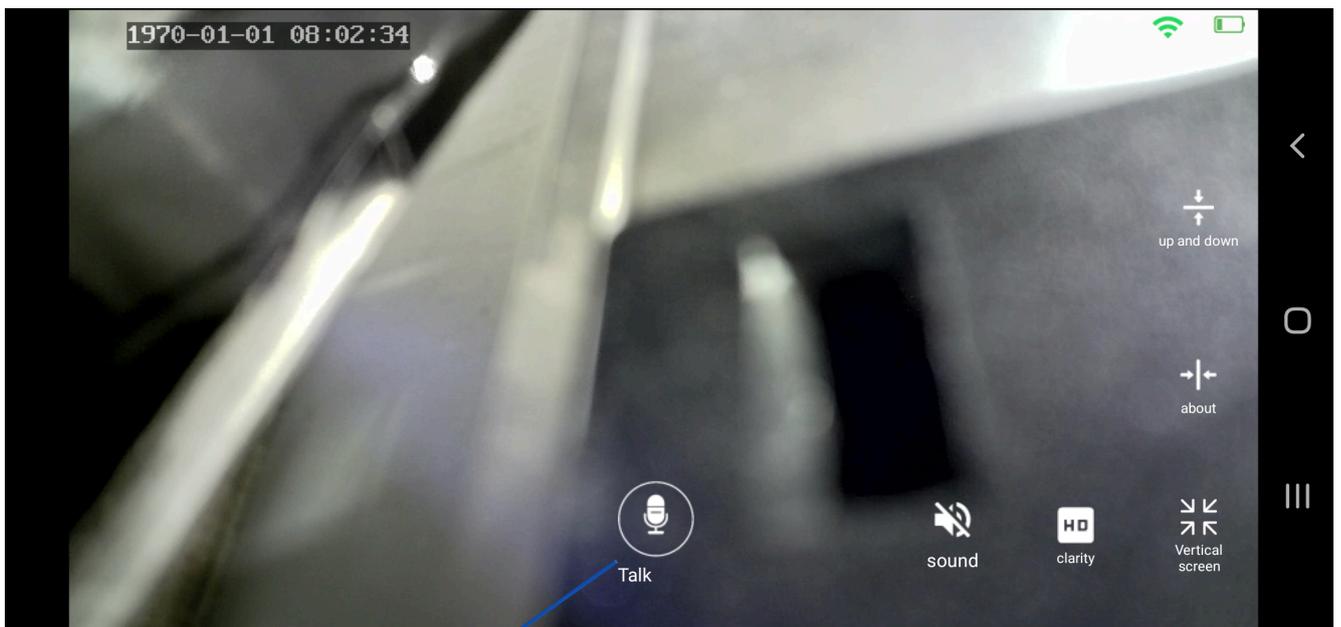
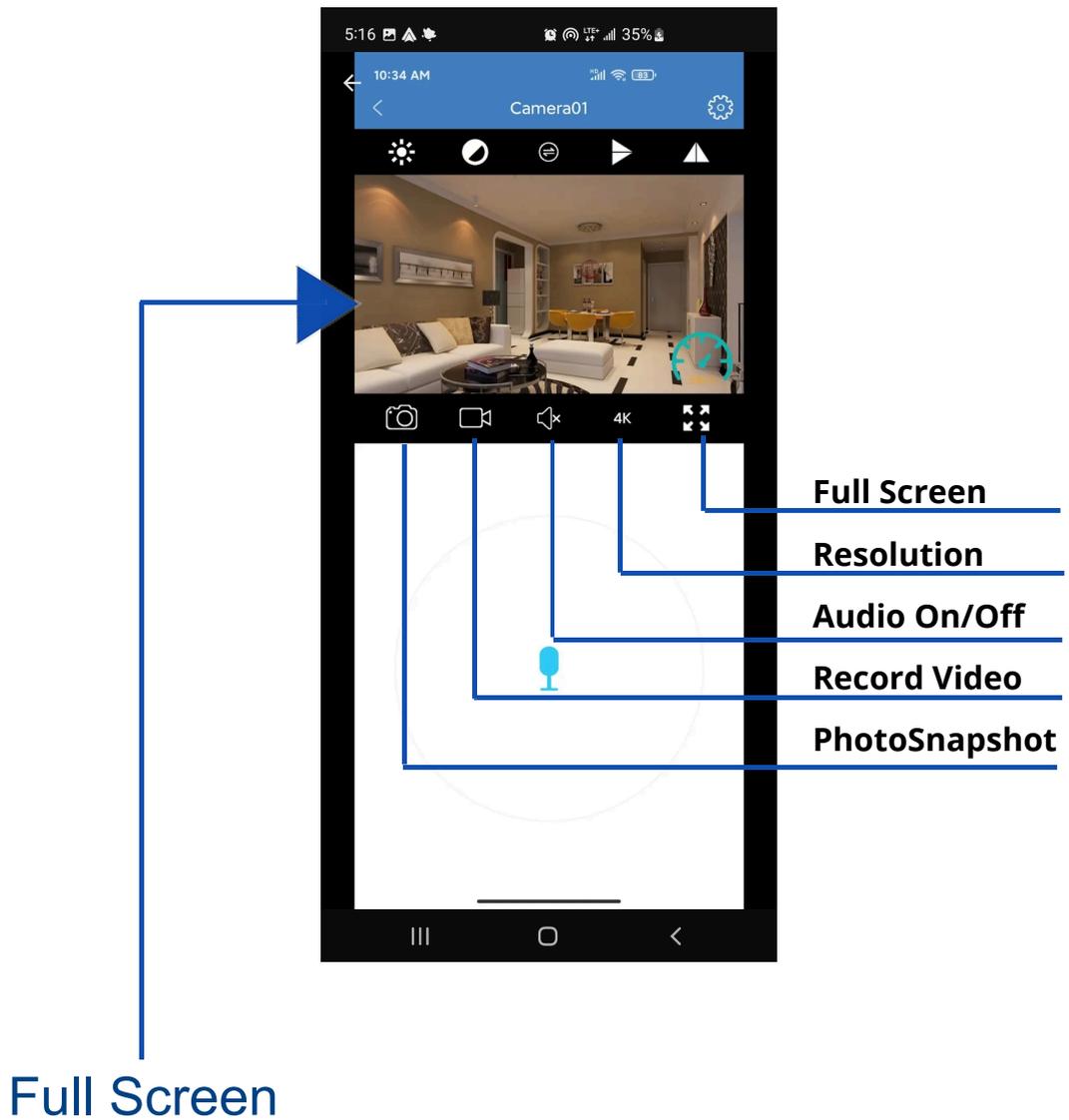


When search is complete, the new camera device name will be shown. Simply tap on the listed device, then tap "Sure" to add the camera.

You will be taken back to the main page, showing the camera view thumbnail preview. Next configure **WiFi**.



Tapping the preview icon in the main menu, will take you to the camera feed.



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8. Troubleshooting Tips

Check memory card:

The camera supports up to 128 GB Micro SD card. Please use High Speed Class 10 FAT formatted memory card. You must format the Micro SD before using. If SD card is not recognized when inserted into the camera, simply remove and re-insert.

Camera offline:

1. Check power
2. Check if your router is working properly.
3. Weak Wi-Fi signal.
4. Wrong password wrong while Wi-Fi setting

Glitchy or stuttering video playback:

You should choose a suitable resolution to watch according to your internet speed. Internet connection interruption will also cause video to freeze.

Forgot password or password invalid:

Press and hold the reset button for 10 seconds to restore the camera device to the factory settings.

The initial password for each camera is **123456**. Please change the password to ensure the security of your camera.

NOTE: Passwords must consists of alphanumeric characters only.

If the camera cannot be connected to the router, please reset, and connect the hot spots before completing the configuration.

9. Technical Specifications

Video Resolution, Ratios	1080p, 720p, 640p, 320p @ 16/9 & 4/3
Video Format	AVI
Frame Rate	25 FPS
Viewing Angle	150 degree horizontally /90 vertically
Motion detection activation distance	Straight line, 6 meters
Minimal Illumination	1 LUX
Battery Life	~1 hour
Video Clip Segments	1, 2, 5, 30 minute video length
Video Encoder	H.264
Recording Range	5m ²
Current Consumption	380MA/3.7V
Storage Temperature	-20-80 degree centigrade
Operating Temperature	-10-60 degree centigrade
Operation Humidity	15-85%RH
Memory Card Type	TF card, MicroSD Card
Player Software	VLCPlayer/SMPlayer
Computer Operating System	Windows/Mac OS X
Mobile Phone Operating System	Android/iOS/Windows Mobile
Maximum Users	4