# AS80CA11A 1080P IP Camera

Installation Instructions

General Introduction

The IP Camera is designed to monitor the premise where it is installed at in real time, and send the images to the Gateway. The recording function will be activated if an event is triggered under warning conditions. Its great compatibility with our U-Net family security products makes it suitable for smart home cloud based platform.

Product Layout

Front view   Rear view   Side view
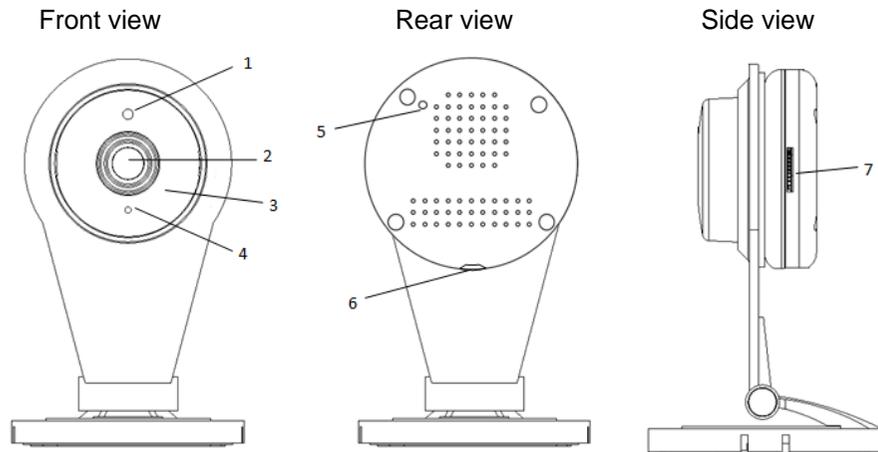
1	Microphone	2	Lens
3	IR LED (hidden)	4	LED indicator
5	Reset/WPS button	6	Power jack
7	Micro-SD card slot		

Connecting camera to home Wi-Fi

The camera first needs to connect to your home Wi-Fi network. There are two methods to do this

Method 1: By QR code setup. A smartphone installed with ELRO Smart Home Alarm App is required.

1. On the ELRO Smart Home Alarm App, go to System page and tap the QR code icon on the top bar.

2. Enter your home Wi-Fi network and your Wi-Fi password, if any.
3. The App will then generate a large size QR code image. Leave the App on that page.
4. Power up the camera using the supplied power adaptor and wait for a musical tone. This usually takes about 30 seconds.

The musical tone indicates the camera is ready to scan the QR code created earlier by the App.

5. Place the QR code at about 10cm in front of the camera lens.

10cm
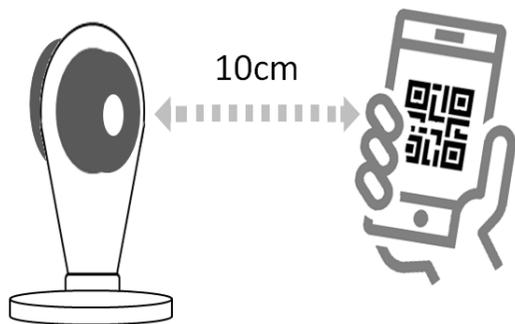
6. If the QR code scan is successful, a musical tone will be heard. The camera will then attempt to connect to the home network.
**Note** : If there is no musical tone after 30 seconds, try moving the smartphone further away from the camera in gradual steps.

Method 2: By WPS setup. This requires your home router to support WPS.

1. Power up the camera using the supplied power adaptor and wait for the musical tone. This usually takes about 30 seconds.

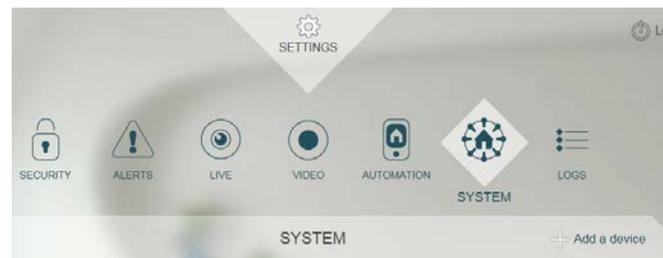2. Using a sharp pin, briefly press the reset button for 1 second and release.
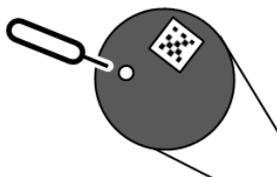
3. Within one minute, press the WPS button on your home router.
4. When camera has established connection with the router, a musical tone will
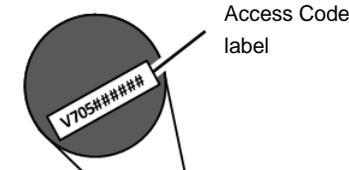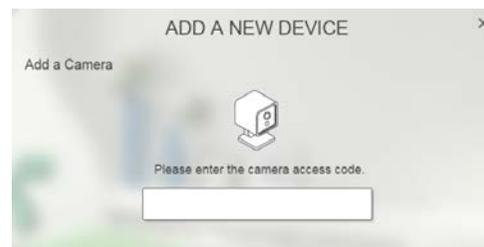
be heard.

Binding with Smart Home

1. Log into the Smart Home account from a web browser.
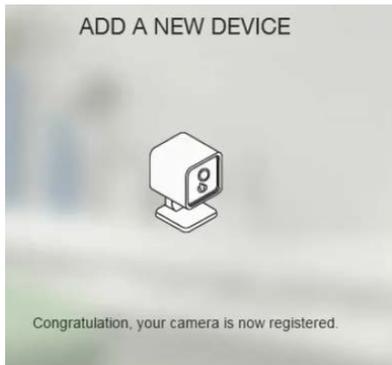2. Select "System", then "Add a device".

3. Select "Camera".

4. Enter the Access Code on the label behind the camera and click "Next step"

Access Code label

5. The screen below will appear if the process is successful.

ADD A NEW DEVICE

Congratulation, your camera is now registered.

Note: If the web page indicates camera is not reachable, it could be the Wi-Fi information set up earlier might be incorrect. Reset the camera to factory default and repeat the steps in the section **Connecting Camera to home Wi-Fi** again. Refer to the Troubleshooting section about resetting the camera.

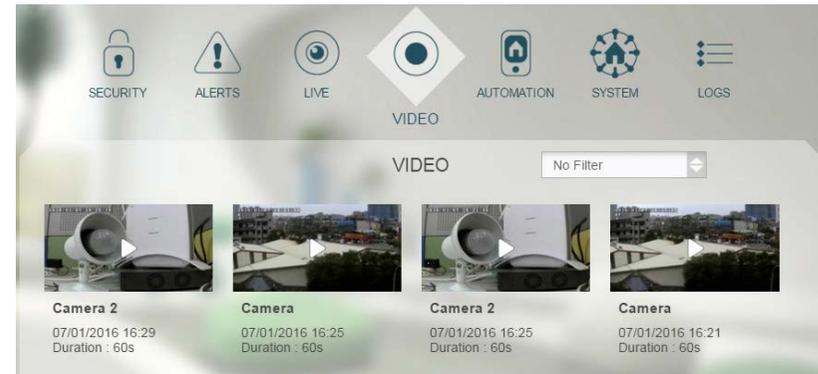## Operation

Live video

1. To watch live video of the camera, go to LIVE to see a snapshot preview.

2. Click the snapshot image to view live view images.

Playback recorded videos

1. To display recorded videos, go to VIDEO page. All videos are displayed with recording date and video duration.

2. Click on any image to play the video.

3. During playback, it is possible to move forward and back the video by dragging the time bar, change volume level, and display in full screen.

4. From web browser, to download a copy of the video onto your PC, click "Download Video"

Mounting the camera

The camera can be placed on table top, mounted on a wall or ceiling. When mounting on a wall or ceiling, use supplied screw and wall plugs to secure the camera in place.

Select the appropriate location for the camera:

- Place the camera at least 1m away from surrounding metalwork which can affect its Wi-Fi transmission.

- Do not install the device near fire or heat sources to avoid damage.

- Do not install the device at humid places or exposed to rain.

Note: It is normal if the camera appears warm during operation

Troubleshooting

The troubleshooting table lists some possible causes and solutions. Please contact your original retailer or nearest service center if the below solutions cannot solve your problem.

Symptom	Possible Cause	Recommendation
The LED never turns ON	The power adapter is not connected well.	Check you connected the camera to supplied power adapter.
When adding a new camera, Homesys reports camera is not reachable	Wi-Fi password error	1. Reset the camera (refer to next section) and try QR code set up again. 2. Try connecting by WPS method.
Cannot play the live video from the camera	Wi-Fi network is out of range	Change the mounting location of camera
	Local internet upload speed not enough	Each camera requires at least 512kbit upload speed.
How to connect camera to a different network	Home router is replaced	Reset camera to factory default (refer to next section)

Reset to factory default

The camera needs to be reset to factory default before it can connect to a new Wi-Fi network.

1. Using a sharp object, press and hold the reset button behind the camera for more than 10 seconds then release.
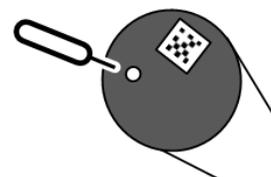
2. The camera will restart itself and will be ready again when it plays a musical tone.

Specifications

Operating Temperature Range	0°C - +45°C
Operating Humidity	5 - 85% RH
Max. Image resolution	1920 x 1080 (1080P)
Encryption	H.264
View angle	101°(H), 58°(V)
IR LED range	5m
Power supply	DC adaptor, 5V 1A
Wi-Fi protocol	Wi-Fi 802.11 b/g/n

** Specifications are subject to change and improvement without notice.

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