



# 1080p Outdoor Wi-Fi IP Camera with PIR Sensor



*User Manual* **LZ8**



PIR Motion  
Detection



microSD Card  
Recording



Two-Way  
Audio




Infrared  
Night Vision



Weatherproof  
Camera

## **Quick Guide:**

- Connect the camera's power adaptor to a suitable 110VAC wall outlet. Plug the power cable into the DC power socket of the Wi-Fi camera and turn on.
  
- The microSD card (16GB) is included in the box and is pre-installed. Should you need to access the SD card or install another follow the steps below:
  - Step 1: Unscrew the compartment at the bottom of the camera. BE CAREFUL! Do not pull out the cover too far as the speaker wires are attached.
  - Step 2: Identify the SD Card slot. It is the small rectangular insert in the middle of the compartment.
  - Step 3: With the SD card metal stripes facing the mount (back of the camera), insert the SD card all the way into the slot until you hear/feel a click and the SD card is secured in the slot.

- All Done! Screw the back on the cover.
  - Download the app "X10 Linked" from Google Play or the Apple App store. Open the app once installed.
  - AppName: *X10 Linked* The icon for the X10 Linked app, featuring a white camera lens centered within an orange square.
  - Sign up to an account by entering a username and password.
  - Once you have signed in; press the add camera button and follow the steps
    - Select your available Wi-Fi home network and enter the correct password. Once selected then proceed to select your current time zone (android).
    - Ensure the volume is all the way up on your smartphone and place it next to the IP camera's microphone. Once your smartphone is next to the IP camera, press the sound wave button to start the signal.
    - Once successfully paired; you can now view the camera.

## **Box Contents:**

1 x 1080p Outdoor Wi-Fi IP Camera

1 x 16GB SD Card (in box)

1 x Power Adaptor

1 x Mounting Hardware

1 x Adjustment Wrench for Mount

## LED Status Indicator:

Colour	Description
Green	Connected / Working
Green Flashing	Connecting To Wi-Fi / Setup

## Installation & Mounting:

- The SD Card comes in the box and will need to be installed. Please view the instructions on page 2 of this guide.
- Before mounting the camera, you may wish to complete the app setup process first. Your smartphone is required to be placed near the camera's microphone to complete the app setup. If your camera is mounted in a high place such as a wall or ceiling; it may be difficult to hold your smartphone near the camera while already installed.

- On the very back just on the inside of the mounting stem of the camera is a metal plate and screws. Adjusting the tightness of these screws will tighten the pressure on the plate and hinge and keep the camera in a solid position.
- When position the camera in a location such as a ceiling or wall and mark the screw holes in which you want to position the camera.
- Using the mounting hardware provided; fix the camera in place with the screws or wall plugs depending on if it's surfaces such as brick and concrete.
- You may wish to adjust the angle of the mounting bracket for the best viewing angle; use the Allen key provided to adjust this.

- Connect the mains power adapter to a suitable wall outlet. Plug the power cable into the DC power socket of the Wi-Fi camera and turn on.
- If installed in a wall or ceiling that is further away from a wall outlet. You can use an extension cord to extend the reach for power.
- Once the device is powered up; the LED status indicator should display green indicating start up.

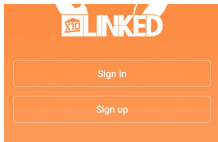
## **Setup:**

- Download the app "X10 Linked" from Google Play or the Apple App store. Open the app once installed.

App Name: X10 Linked



- Once you have downloaded and installed the app; open the app and a sign in page should display.
- Press the sign up button for first time use.



- Enter a valid email address for the username and press the "Send code" button to receive a validation code to that email.

**Note:** Please wait at least 60 seconds before resending the code request.

A screenshot of the 'Sign up' screen in the app. At the top left is a back arrow, and at the top center is the title 'Sign up'. Below the title are four input fields: 1. An email field with a person icon and the placeholder text 'Enter email'. 2. A code field with an envelope icon and the placeholder text 'Please enter the code', followed by an orange 'Send code' button. 3. A password field with a lock icon and the placeholder text 'Please input password', with an eye icon to toggle visibility. 4. A second password field with a lock icon and the placeholder text 'Please input password', with an eye icon to toggle visibility. At the bottom of the screen is a large orange button with the text 'Register immediately'.







- Enter the code that was sent to your email .
- Choose a password for your X10 Linked account and enter it twice (once for verification).
- When ready, hit the "Register Immediately" button

← Sign in

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Sign in to check your personal monitor

 Email address/Phone number 

 Please input password 

Sign in

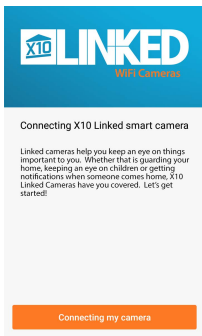
[Forget password?](#)

- Enter your username and password into the sign in screen and press the "sign in" button to log in to your account.



- Press the add camera button to connect the IP camera or the + button in the top left hand corner.

Add Camera

- Press the "connecting my camera" button; you will also notice a voice prompt will guide you through the setup.



- Connect to your local modem/router by pressing the select button.

 Wi-Fi name	Select
 Wi-Fi password	

Next

No Wi-Fi Password

10. Choose your local Wi-Fi network from the list on your smartphone. Press the scan button if you wish to refresh the Wi-Fi list.

←	Nearby Wi-Fi	scan
<hr/>		
X10		
<hr/>		
KoperENT		
<hr/>		
Authinx		
<hr/>		
Verizon-MiFi5510L-5373		
<hr/>		
X10-5(Unsupported Wi-Fi)		
<hr/>		
KoperENT(Unsupported Wi-Fi)		
<hr/>		

- Select your appropriate time zone depending on which state and country you're from.

<	TimeZone
	Midway GMT-11:00
	Honolulu GMT-10:00
	Anchorage GMT-09:00
	Los Angeles GMT-08:00
	Tijuana GMT-08:00
	Phoenix GMT-07:00
	Chihuahua GMT-07:00
	Denver GMT-07:00
	Costa Rica GMT-06:00
	Chicago GMT-06:00
	Mexico City GMT-06:00

- Ensure the volume on your smartphone is turned all the way up. Place your smartphone close to the microphone located in the dongle of the camera so it's able to hear the pairing sound correctly. The LED status indicator will begin to flash green.

← Step 3 send the sound wave

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Please move the phone speaker close to the camera



- Press the sound wave button to send a pairing sound to the IP camera. Ensure your smartphone is placed right next to the IP camera and in you're in a low level sound environment.

← Step 3 send the sound wave

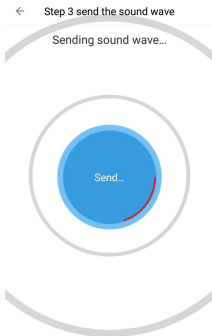
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Please click the icon **Send sound wave**

and connect the camera to the wireless network



- The sound pairing signal will now be playing. If you can't hear the sound, make sure your smartphone volume is all the way up.



- The camera will now start pairing with your route. If the pairing is unsuccessful and you are not directed to the next page within 5-10 minutes, some error has occurred and you can try sending the sound wave again.

The X10 Linked Camera is now establishing a connection with your router. This should only take a minute...

Once the connection is made, you will be taken to the next screen. Please allow a few minutes to complete. If that does not happen and the LED on your camera is still blinking, please try sending the sound wave again below.



[Did not hear "Connected Successfully" ?](#)

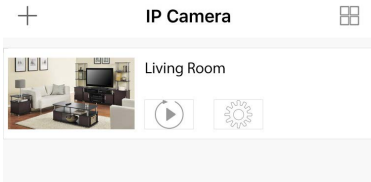
Connected Successfully

Connecting wifi

Connect successfully 7 seconds later



- If pairing is successful, the camera will switch to the connecting wifi page where it will finalize the connection with your router. Once complete, your camera will be added and available to view.



## **Operation:**

### **Recording:**

**Smartphone:** To record from your smartphone; open the camera in your device list once successfully paired. Press the recording button in the bottom left hand corner to begin recording on your smartphone.

Press the recording button again to stop recording.

**microSD Card:** Once the microSD card has been inserted into the camera and correctly paired; the camera will automatically begin recording.

**Motion Detection:** The motion detection can be set up in the alarm settings which will send you a push notification if someone has activated the camera by motion. Press the alarm notification to



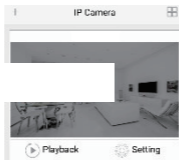
switch to live view once it has been activated.



### **Playback:**

Open the smartphone app and press the playback button which is underneath the camera in the device list. This will play back the recordings from the microSD card.

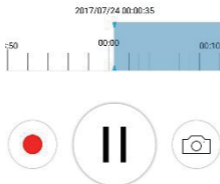
To play back the recordings from your smartphone; press the album button located at the bottom of the app.



Select the correct year, month, day and hour to select your playback files.



Once selected you can fast forward, fast rewind or screen shot when the video is displayed.



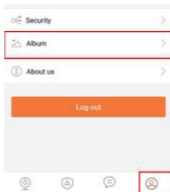
## Snapshot Image:

This camera allows you to create a snapshot image and save it on your phone.



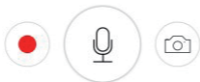
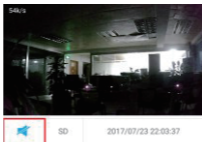
Press the snapshot button located in the bottom right hand corner to save an image to your phone.

To view these files; go to the album which is located at the bottom right hand corner of the device list.



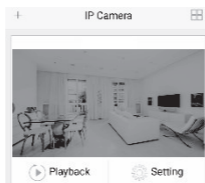
## Audio:

To hear the audio from the camera; press the audio button located in the live camera view. Press it again to mute the audio.



## Camera Settings:

Press the settings button of the camera located in the device list of the app.



**LED:** Press the LED tab to turn of the LED status indicators; press it again if you wish to turn it back on.

LED

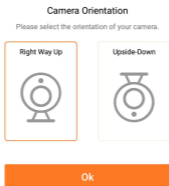


**Image Flip:** Press the image flip button to choose between upwards and downwards. Since the camera has a magnet base, you can select the image to be in the upright position even though the camera is

Image Flip

Upward >

positioned upside down.



**Alarm:** Press the alarm button to show the alarm and motion detection settings.

Alarm

Not open >

Alarm



Alarm sound



Alarm Tone

Obscura >

Motion Sensitivity

Default >

Alarm time

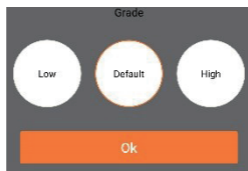
22:00~07:00 >

**Alarm:** Press the alarm tab to turn off motion detection or press it again to leave it on. Motion detection will be turned on by default.

**Alarm Sound:** You will hear the alarm sound from your smartphone if the motion has been detected. Press the tab to turn off these sounds.

**Alarm Tone:** There will be a default alarm sound when the motion is triggered. Press the alarm tone tab to select from any sound file located on your phone if you wish to change the alarm sound.

**Motion Sensitivity:** Select between low, medium (default) or high movement sensitivity for the motion recording.



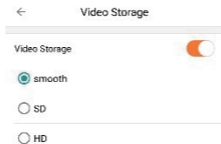
**Alarm Time:** This allows you to choose a start and end time to choose from for the motion detection. For example; you can just select the camera to record in motion detection for day or night time.



**Video Storage:** Press the video storage tab to select between standard or high definition recording.



Press the video storage tab to turn off storing the video onto your microSD card. You can select between smooth, SD (VGA) and HD (720p) recording.



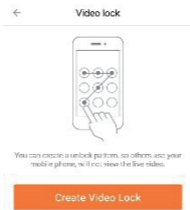


**Video Lock:** Press the video lock tab to create a lock so that other people using your smartphone are unable to view the video.

Video lock

Not set >

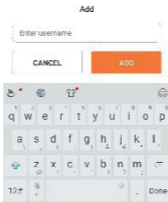
You can create a lock pattern by pressing the create video lock button.



**Sub Account Management:** Press the sub account management tab to create new users. Up to 15 people can be added to this camera including the admin.

Sub-account Management

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Enter a suggested username and password for the user and press the add button.

Ask the user to download the smartphone app and enter the username and password that you have provided to sign in and view the camera.

To delete a sub account once created; press the delete button to remove them from the user list.

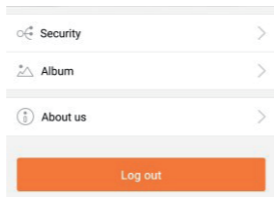
## Interface Settings:



Camera: Displays the camera device list.




Alert: Displays the motion detection events.

User: Displays the current user settings and album.



## User Settings:

Security: Allows you to change your password, add a security question and email.

-  Change password >
-  Security question >
-  Security email >

It is suggested that you set a security email and question in case you forget your password.



### Set Security email



Please enter a secure email



Please enter the code

SEND CODE

**Album:** View the saved recordings and images.

Located in the top right corner, you're able to share the images through social media such as Facebook, Twitter, email or SMS.

**About Us:** Displays the current app version.

**Logout:** Press this button to logout from the app and return to the login screen.

## Troubleshooting:

<b>Problem</b>	<b>Solution</b>
The camera will not pair	Make sure the volume on your smartphone is all the way up
	Make sure the sound level in your environment is quiet to avoid the camera picking up additional sounds
	Hold the phone as close as possible to the camera

	<p>Check that the camera is in binding mode; the LED indicator should be flashing green</p>
<p>Wireless Network does not exist</p>	<p>Check if the wireless network is hidden, if so then disable the hidden broadcast</p>
	<p>Check if the Wi-Fi frequency is 2.4GHz, this device can't support 5GHz networks</p>

	<p>Check if the Wi-Fi SSID name has any special characters or numbers, please remove these special characters from the name and try to connect again</p>
<p>Wireless Network connection failed</p>	<p>Check if the Wi-Fi password is correct and please try again</p>
	<p>Check if the Wi-Fi network is using WEP encryption, if</p>



	<p>so please change it to WPA or WPA2</p>
<p>Network abnormal, please check the router</p>	<p>Verify that the Wi-Fi network is able to connect to the internet</p>
<p>The camera will not show in the device list after successful pairing</p>	<p>Refresh the device list by swiping down on your smartphone</p>
	<p>Exit the app and login again</p>
<p>The camera appears offline</p>	<p>Re-insert the USB mains power adaptor and restart the device as sometimes it</p>

	can be caused by network instability
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The Wi-Fi network is not showing	Make your Wi-Fi network visible, the unit can't show hidden networks
	Check to see if your network is 5G, this device

	only supports 2.4GHz Wi-Fi
Problem with the binding process, linked to another account	Contact your place of purchase and provide them with the ID number shown on the message so that the device can be reset
Won't connect to the internet	Check to see if the Wi-Fi password has been changed
The microphone isn't working	Check the audio settings on your phone and allow

	the app to have access to the microphone
The video is not clear	Change the recording setting to HD to show the highest quality
Can't replay video	Check to see if a microSD card has been inserted correctly
	Only after 10 minutes of inserting the microSD, can the video be replayed.

	Put the microSD card in a computer to check if it's still working
	Reformat the microSD card
	Reset the camera
No push notifications when alarming	Check the settings of your phone to ensure the push notifications are allowed

## **FAQ:**

### **1. Q: I have forgotten my password.**

A: Press the forget password button to retrieve it via your security email address. If you have not set this; please contact your place of purchase to have the unit reset.

### **2. Q: Can more than one person view my camera**

A: Yes, up to 15 users can view a single camera. The camera paired originally with the unit is the administrator.

### **3. Q: How many cameras can you add to the smartphone app?**

A: Up to 99 cameras can be added to a single app however it will slow down opening the device list if you have multiple cameras added.

### **4. Q: Can this camera be viewed in an internet browser?**

A: No; only can be viewed via the smartphone app.

**6. Q: Why can't some smartphones show the video?**

A: The camera requires a minimum Android version above 2.3 and 5.1 for iOS devices.

**7. Q: Can the night vision be turned off?**

A: The night vision is switched on automatically when low light is detected.

**8. Q: Can the camera be setup via my PC?**

A: The camera needs to be setup by a smartphone using the Linked App.

**9. Q: Can I delete my camera from the app?**

A: Yes; you can delete the camera from the app by going into the camera settings and pressing the orange delete button which is located at the bottom of the screen.

## SPECIFICATIONS

<b>MODEL</b>	LZ8 - White
<b>STORAGE</b>	TF (Micro SD) Card - 16Gb card pre-installed.
<b>MAXIMUM STORAGE</b>	64 GB
<b>EFFECTIVE PIXELS</b>	2 Megapixel
<b>WIFI</b>	Supports 2.4Ghz 802.11 b/g/n
<b>OPERATION TEMPS</b>	-4°F to 122°F
<b>INTERNET IN CLIENT</b>	Supports WiFi 2G/3G/4G/5G
<b>FRAME RATE</b>	Up to 30 FPS
<b>VIDEO FORMAT</b>	1080p (1920 x 1080), 75 Degree Wide Angle Lens
<b>VIDEO COMPRESSION</b>	H.264
<b>ZOOM</b>	Digital
<b>DIMENSIONS</b>	Camera - 4" x 2.5" x 2.8" (additional space needed for mount)
<b>POWER SUPPLY</b>	DC12V/1A
<b>WARRANTY</b>	1 Year



Distributed by:  
X10.com  
LZ8 Outdoor HD WiFi IP Camera 

For help, please visit

[https://www.x10.com/  
x10customersupport.html](https://www.x10.com/x10customersupport.html)