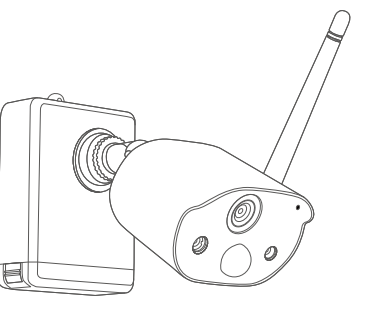


## ZOSI

# Quick Start Guide

### Battery Security Camera System



\* Please set a password and keep it in mind the default password is blank.  
\* Password is required for logging in to the device and remote viewing. It is recommended to write down the password on this user manual.  
\* This product is a camera kit and PC cannot be used as a stand-alone device. If you need to add other cameras, please contact customer service to confirm.  
\* Please read the Quick Start Guide carefully before use and keep it properly.

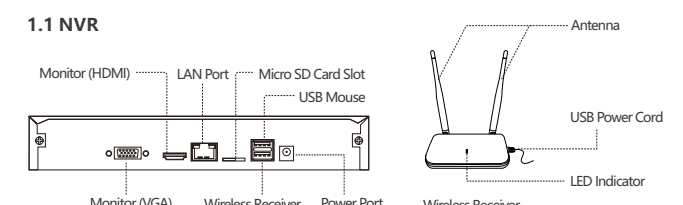
## ZOSI

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### 1 Gallery & Specs

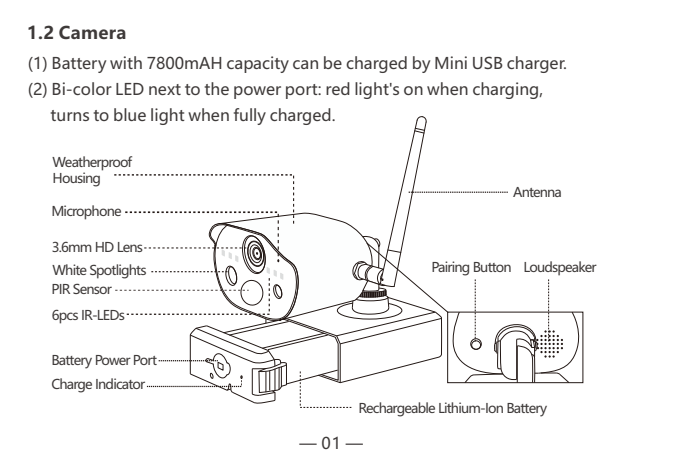
#### 1.1 NVR



Monitor (VGA) LAN Port Micro SD Card Slot USB Mouse Wireless Receiver Power Port LED Indicator

#### 1.2 Camera

(1) Battery with 7800mAh capacity can be charged by Mini USB charger.  
(2) Bi-color LED next to the power port, red light on when charging, turns to blue light when fully charged.




Weatherproof Housing Antenna 36mm HD Lens Wide Spotlight PIR Sensor 6pcs IR LEDs Battery Power Port Charge Indicator Rechargeable Lithium-ion Battery Pairing Button Loudspeaker

### 2 Install Hard Drive or SD Card

#### NVR supports 3.5" HDD or Micro SD card for local storage.

**NOTE:**  
(1) If you need longer recording, it's recommended to use a large-capacity hard drive. If you don't need a long recording, you can use a Micro SD card (up to 128G capacity).  
(2) The recorder supports HDD or Micro SD card for local storage, but it can only support one at a time. It is not recommended to install the hard disk and Micro SD card to the recorder at the same time.

#### 2.1 Install a Hard Drive:




(1) Turn off the power of the recorder.  
(2) Use a screwdriver to unscrew the NVR cover and remove the top cover.  
(3) Connect the power cable and data cable of the hard disk to the corresponding ports in the recorder (As shown in figure 2-1).  
(4) Put the hard disk in the recorder. All wires should cross up over the hard drive.  
(5) Hold the hard disk and the NVR, gently turn it over and line up the holes on the hard disk with the holes on the NVR.  
(6) Use a Phillips screwdriver to screw the included screws into the holes. Assemble the cover.

#### 2.2 Install a Micro SD Card:

(1) Turn off the power of the recorder.  
(2) Insert the Micro SD card (Figure 2-2).

You need to format the hard drive or Micro SD card before recording (Figure 2-2-1). Steps: right click the mouse, enter the Main Menu > Hard Disk Management > select the Hard Disk > Format > Apply

**NOTE:** It can only support either Micro SD card or hard drive storage at one time. Please do not install both to the NVR at the same time.



#### 2.3 Connect to the System

##### NVR Setup


(1) Power on the monitor.  
(2) It is recommended to use a monitor of more than 19 inches that supports HDMI input, and it supports resolution of 1920\*1080 or higher than 1080p.  
(3) Connect the monitor to the NVR via HDMI or VGA port.  
(4) Connect USB mouse to the top USB port of recorder.  
(5) Connect wireless receiver to the bottom USB port of NVR (marked as RX).  
(6) Connect NVR to 12V power supply.  
(7) Connect NVR to the router using an Ethernet cable.

##### Camera Setup

(1) Remove the battery fixing screw and pull out the battery from camera.  
(2) Remove the label from battery charging contact and slot the battery back into the camera.  
(3) Slot the battery back into the camera and tighten the screws.  
(4) Install the antenna into the camera antenna hole and tighten (if it is not tightened, the camera's WiFi signal will be weak).  
**NOTE:** After the battery is installed, the device automatically powers on and makes a sound, indicating that the camera is ready to work.

#### Startup Guide

(1) After the device is powered on, enter the startup interface, where you can set the language, date, time zone, time and other information (Figure 3-1).  
(2) Format the hard drive or Micro SD card (Figure 2-2-1).

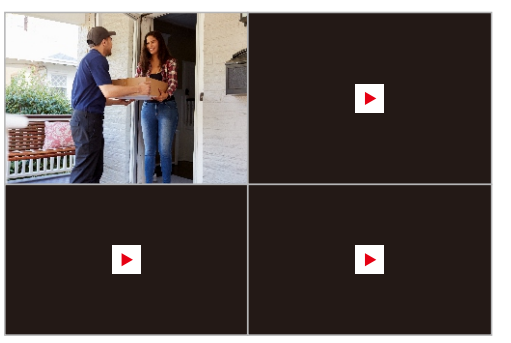


3-1

### 3 Live View

#### 3.1 Live View


(1) Click (Play) and video will display in about 1-5 seconds.  
(2) When the camera is in the sleep status, the camera automatically wakes up and work within 500ms after PIR detects human passing by, and the NVR system starts recording.



2-3

#### 3.2 One-Touch Emergency Alarm

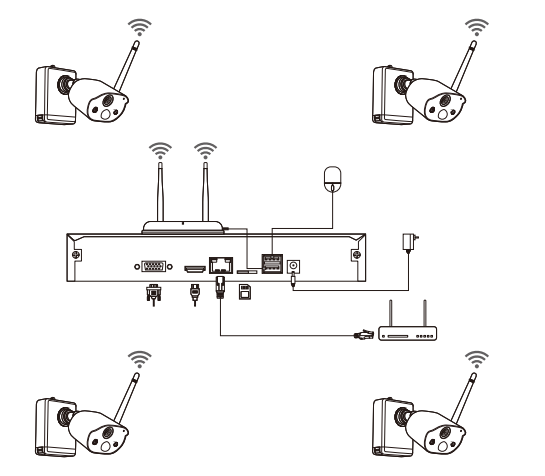
Press on the front panel of NVR to trigger the alarms of all cameras at the same time. The strobe light continuously flashes and a siren alarm sounds. Press again to turn off the alarms of all cameras.



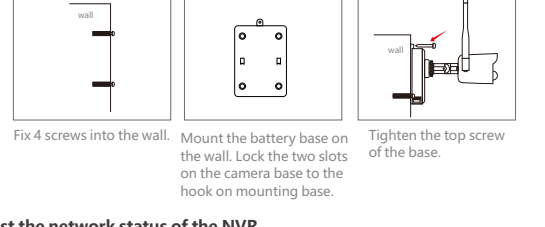
### 4 ZOSI Smart App

#### 4.1 Connect NVR to LAN

##### A. Connect the NVR to LAN

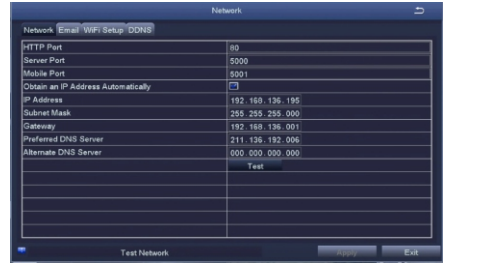


##### B. Install the Camera



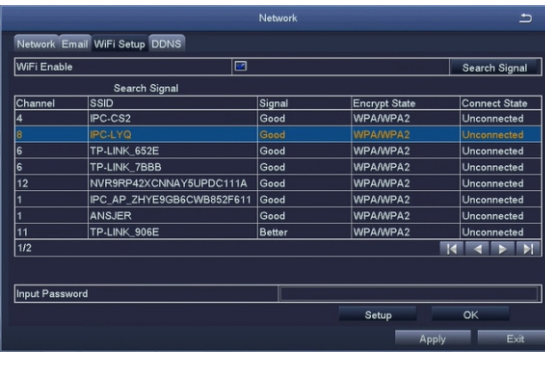
##### C. Test the network status of the NVR

(1) Right click Mouse > Main Menu > Setting > Network  
(2) Tick "Obtain IP address automatically"  
(3) Click "Test", if "OK" is displayed, the network is connected successfully.  
**NOTE:** If the page displays, indicating that the network is connected successfully. Please make sure that the DHCP of the connected router is enabled at the same time.

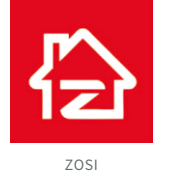
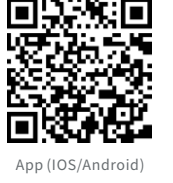


#### D. WiFi Setup:

**NOTE:**  
(1) If the device is far away from the router or it is inconvenient to connect the NVR to the router with a network cable, you can connect the NVR to the router wirelessly.  
(2) It is recommended to use a wired connection to connect the device to the network, because the wired connection will be more stable than the wireless connection.  
Right-click the main interface > Main Menu > Setup > Network > WiFi Setup > Enable WiFi > Search Signal > select WiFi signal > enter password > OK > wait for success connection > Apply



#### 4.2 Download ZOSI Smart App

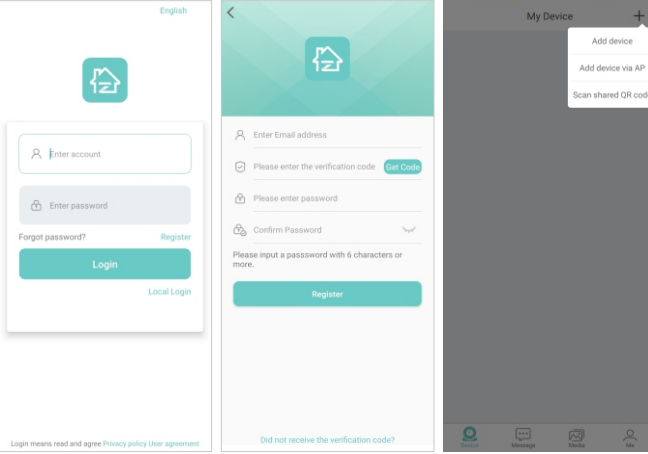




App (iOS/Android)

#### 4.3 Run ZOSI Smart App

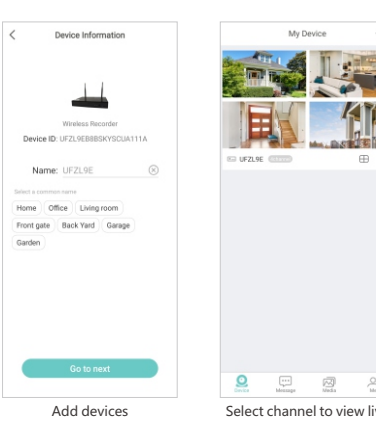
##### A. Install the free ZOSI Smart App.

B. Click Register and enter your email box to get verification code, click next to set up password and save it, registration completed.  
C. Login the App, get into the main interface (My Device), click "+" in the upper right corner to add devices.  
D. Select DVR - Wireless recorder  
E. Go back to the Device list > Tap the device > Tap "+" to select channel (all selected) > Tap Confirm to start live streaming.





Scan QR code on the recorder

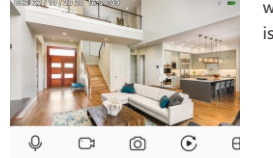


Add devices

Select channel to view live

#### 4.4 Two-Way Audio

Support two-way voice intercom through ZOSI Smart APP.  
The camera microphone is at the upper right corner of the lens.  
(1) Tap Intercom icon.  
(2) Intercom icon turns blue, long press it to talk.



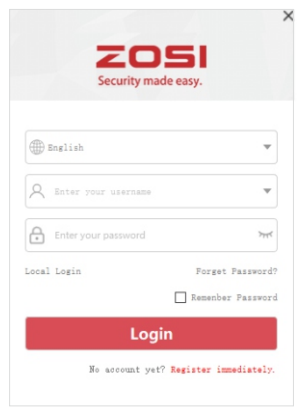
**NOTE:** You will receive low battery warnings via App when battery power is less than 20%.

### 5 AVSS PC Client

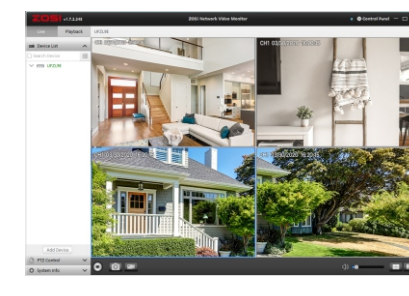
#### 5.1 Login AVSS

Install AVSS on PC  
Get AVSS software from [www.zositech.com](http://www.zositech.com) or from your agent.  
Double-click the icon AVSS to open, select the language and click Login.

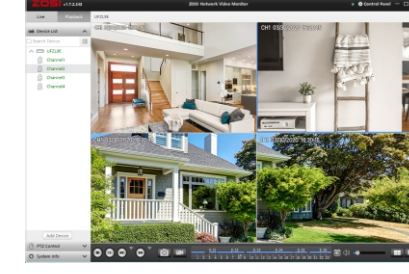
**NOTE:** The user name and password is the account registered in above 4.3.



#### 5.2 Live View and Playback on AVSS



Select channel to watch remote live streaming and video playback etc..



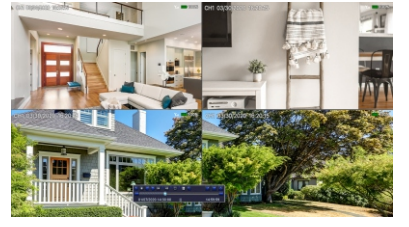
Select "Playback", select device, channel, date, time, click the play button to start replaying recorded videos.

### 6 Video Record

Right click mouse > Main Menu > Setup > Record  
You can see record settings for all channels. Change the record setting according to the working environment and apply the changes.

#### 6.1 Video Playback

Go to Main Menu > Search, system presents as following



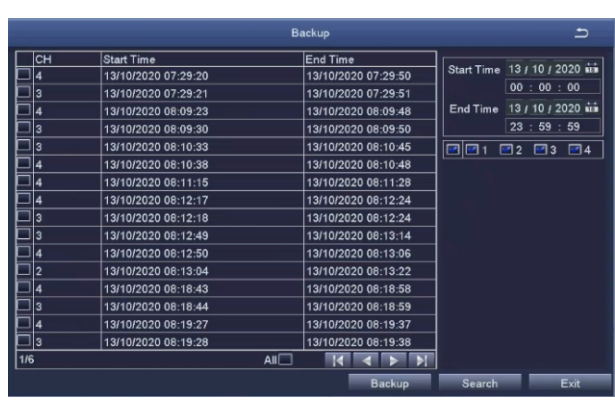
Search the video you want by time or event.

Previous Record: Move to last recorded event  
Next Record: Move to next recorded event  
Fast Forward: Video can be played at different speed, from 1/4 times to 16 times.  
Playback: Video can be replayed at 1 time, 8 times, 16 times and 32 times.  
Screen Display Mode: Both single-screen and multi-screen are available. You can choose how many channels you want to playback at the same time. Channel without records presents black screen.

#### 6.4 Video Backup

Right click the mouse > Main Menu > Backup > select the channel and time period > Search > select the video clips you want to backup > Click Backup

(1) The system will pop up "USB disk not found"  
(2) Remove the mouse  
(3) Insert the USB disk (insert the USB disk in the "USB2.0" port)  
(4) The device automatically enters the backup state, and the system will automatically complete the backup.



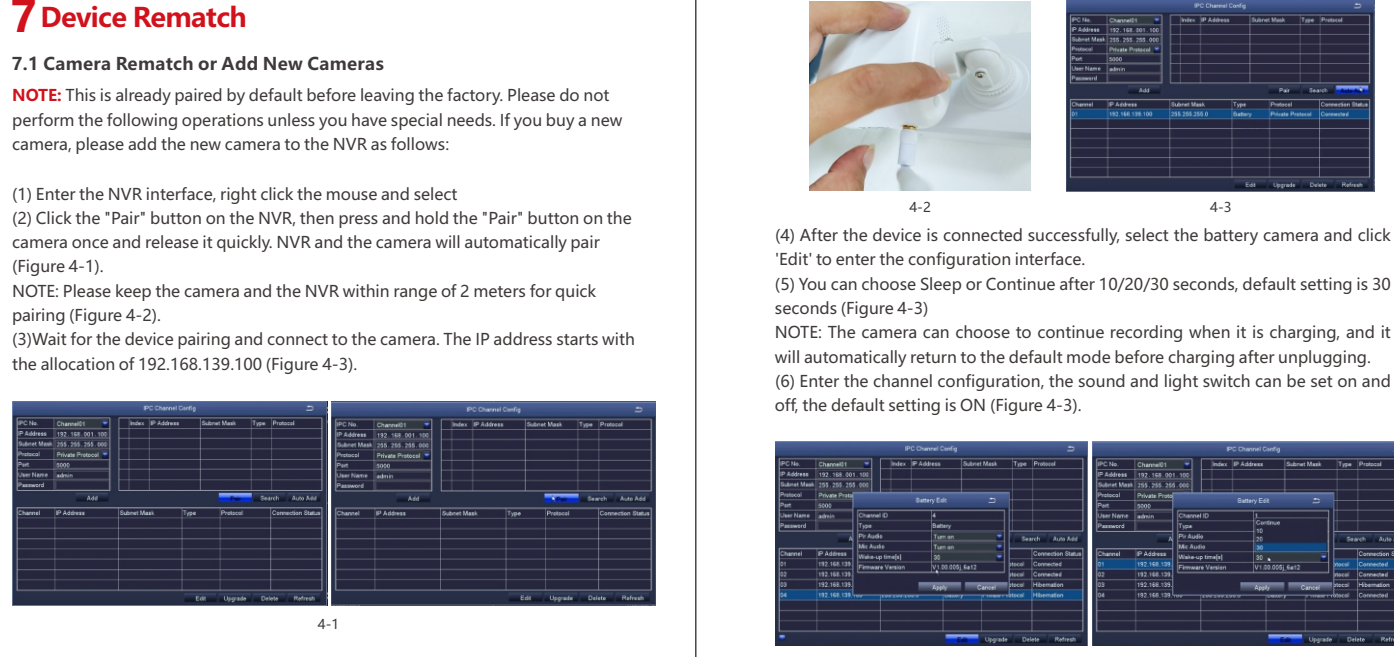
### 7 Device Rematch

#### 7.1 Camera Rematch or Add New Cameras

**NOTE:** This is already paired by default before leaving the factory. Please do not perform the following operations unless you have special needs. If you buy a new camera, please add the new camera to the NVR as follows:

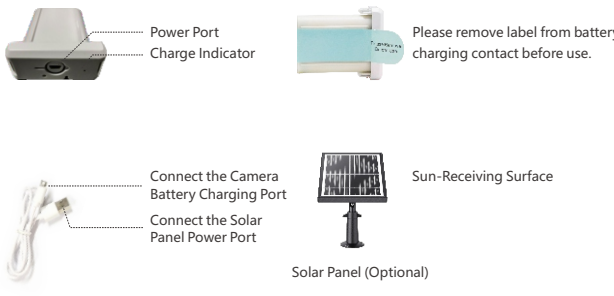
(1) Enter the NVR interface, right click the mouse and select  
(2) Click the "Pair" button on the NVR, then press and hold the "Pair" button on the camera once and release it quickly, NVR and the camera will automatically pair (Figure 4-1).  
**NOTE:** Please keep the camera and the NVR within range of 2 meters for quick pairing (Figure 4-2).  
(3) Wait for the device pairing and connect to the camera. The IP address starts with the allocation of 192.168.139.100 (Figure 4-3).  
(4) After the device is connected successfully, select the battery camera and click "Set" to enter the configuration interface.  
(5) You can choose Sleep or Continue after 10/20/30 seconds, default setting is 30 seconds (Figure 4-3)

**NOTE:** The camera can choose to continue recording when it is charging, and it will automatically return to the default mode before charging after unplugging.  
(6) Enter the channel configuration, the sound and light switch can be set on and off the default setting is ON (Figure 4-3).



### 8 Battery Specification

(1) The battery pack is connected in parallel by three 18650 batteries with 7800mAh capacity, which can be charged by mini USB charger alone.  
(2) The battery pack needs to be charged or powered by the Micro USB port as shown.  
(3) Bi-color LED next to the power port as the picture shows: red light when charging, and turns to blue light when fully charged.  
(4) Support solar panel charging (requires a separate purchase).



Solar Panel (Optional)

### 9 Camera Battery Life

Total Battery	7800mAh	
Triggered Time	Trigger (Day/Night)	Battery Life (Month)
@10 Second Event Recording	12R	6
@20 Second Event Recording	12R	3
@30 Second Event Recording	12R	1

**Disclaimer:**  
The above battery working time data is based on the following conditions:  
(1) Battery consumption varies with temperature and ambient light. The estimated temperature provided is 20c/68f, darker light in the environment may reduce battery life by up to 50% and color climate may reduce battery life by up to 50%.  
(2) This is a motion-activated camera, which will only wake up when motion is detected. We recommend to not install in high traffic areas like driveway and walkway in order to increase battery life.

### 10 Troubleshooting

Questions	Solutions
<b>Image On and Off</b>	<ul style="list-style-type: none"> <li>Use the ZOSI App or DVR to ensure that the camera resolution is set at 720p.</li> <li>Try to move the camera close to the receiver.</li> <li>Remove obstacles between the receiver and camera.</li> </ul>
<b>Camera Detection No Movement</b>	<ul style="list-style-type: none"> <li>Your camera may be too far from the monitoring area. Put the camera within 20 feet (6.1 meters) of the area you want to monitor.</li> <li>Check the "Installation Tips" and "Optimize Motion Detection" to make sure your camera is installed in an optimal position and motion detection is in correct configuration.</li> </ul>
<b>Reflective Image</b>	<ul style="list-style-type: none"> <li>Make sure your camera is not pointed directly at the light source (e.g. the sun or spotlight).</li> <li>Move the camera to a different location.</li> </ul>
<b>Night Vision Malfunction</b>	<ul style="list-style-type: none"> <li>Night vision function is activated when the brightness comes down. The area may be too bright.</li> </ul>
<b>Blurred Image</b>	<ul style="list-style-type: none"> <li>Check the camera lens if there's dirt, dust or spider webs. Clean the lens with a soft, clean cloth.</li> <li>Excessive environmental interference will affect the image clarity, move the camera to a different location.</li> <li>Pointing the camera at the window will produce a night vision effect. Move the camera to a different position.</li> </ul>
<b>NVR &amp; Wi-Fi Disconnection</b>	<ul style="list-style-type: none"> <li>Keep the distance between NVR and router within 9 meters.</li> <li>Avoid solid walls between NVR and router.</li> </ul>



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