

USER'S MANUAL

Wireless PTZ Security Camera System



www.yeewise.com

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Yeewise's NVRs are manufactured for quality and ease of use. As such, our NVRs contain menus designed for advanced users that should not be adjusted without having enhanced knowledge regarding the menu. In most cases the default settings allow for optimal functionality. The menus that should maintain the default settings are indicated with this icon.

DISCLAIMER: The exact components of your system, images and quantities may vary depending on your model number. While these may vary, this Manual will address the setup and initial configuration of your NVR and cameras.

Preface

Thank you for choosing Yeewise security & surveillance products! By purchasing a Yeewise product, you receive a one (1) year warranty covering manufacturing defects in material and workmanship.

This user manual is to introduce the operations of Yeewise PTZ WiFi security camera systems in more details. If there is any other question which is not covered in this user manual, please contact Yeewise support at support@yeewise.com.

Statement

- Though we apply all efforts to make the manual complete and accurate, there could still be some discrepancies due to products' timely update.
- The products and manual are subject to change without previous notification.
- The content in this manual is only for users' reference. We don't promise it's exactly the same with the products you purchase. Detailed information is in accordance with the final products.
- The accessories and parts mentioned in this manual are only for product using guide purpose and not necessarily to be included in your purchased item.

Special Statement

Please comply with local laws and regulations when you use the surveillance devices.

About Default Settings

- The default username for NVR is admin (admin is the super administrator ID)
- The default password for account admin is empty, means no password.
- The default IPv4 address of NVR is: 192.168.1.114
- The default setting of NVR is to overwrite oldest recorded videos when hard drive is full.
- The device will start Setup Wizard by default when NVR is powered on.

THIS MANUAL WAS ACCURATE AT THE TIME IT WAS COMPLETED. DUE TO OUR ONGOING EFFORT TO CONSTANTLY IMPROVE OUR PRODUCTS, FUNCTIONS MAY HAVE BEEN ADDED OR CHANGED.

Chapter 1: FCC Warnings

FCC Radiation Norm

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Compliance Statement

These limits are designed to provide reasonable protection against frequency interference in residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed or used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in television reception, which can be determined by turning the equipment off and on. The user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

The Federal Communications Commission warns the user that changes or modifications to the unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

Chapter 2: Safety Instructions

• USE THE PROVIDED POWER ADAPTER.

Do not use this product with a power source that applies more than the specified voltage.

• NEVER INSERT METAL INTO THE NVR CASE OR ITS OPENINGS.

Inserting metal into the NVR case may cause electric shock.

• DO NOT OPERATE IN WET OR DUSTY AREAS.

Avoid placing the NVR in areas such as a damp basement or dusty attic.

• DO NOT EXPOSE THE NVR TO RAIN OR USE NEAR WATER.

If the NVR accidentally gets wet, unplug it and contact technical support immediately.

• KEEP PRODUCT SURFACES CLEAN AND DRY.

To clean the outside case of the NVR, use a lightly dampened cloth. Do not use cleaning solutions or solvents.

DO NOT INSTALL NEAR ANY HEAT SOURCES.

Do not install the NVR near any heat sources such as stoves, heat registers, radiators, or electronics (including amplifiers) that produce heat.

• UNPLUG THE NVR WHEN MOVING IT.

Make sure that the NVR is unplugged before you move it. When moving this device, be sure to handle it with care.

• MAKE SURE THERE IS GOOD AIR CIRCULATION AROUND THE NVR.

This NVR uses an internal hard drive, which generates heat during operation for video storage. Do not block vents on the NVR, as these vents reduce the generated heat while the system is running. Place this product in well-ventilated area.

DO NOT ATTEMPT TO REMOVE THE TOP COVER.

If you observe any abnormal operation, unplug the NVR immediately and contact technical support. Do not attempt to open the NVR to diagnose the cause of the problem.

• HANDLE THE NVR CAREFULLY.

If you drop the NVR on any hard surface, it may damage the device. If the NVR doesn't work properly due to physical damage, contact an authorized dealer for repair.

• IT IS RECOMMENDED TO USE YOUR NVR WITH AN UNINTERRYPTIBLE POWER SUPPLY (UPS).

Connecting your NVR and cameras to a UPS allows continuous operation even during power outages. The run-time duration will depend on the rating of the UPS used.

Chapter 3: Specifications

3.1 Introduction

This Yeewise network video recorder is our new generation of NVR. It supports wireless Wi-Fi network video input, real time live view, video playback, and video backup. The NVR system can be widely used for surveillance of home, business, office, villa, etc.

3.2 System Requirements

Please be sure that your PC/MAC® complies with the following specifications:

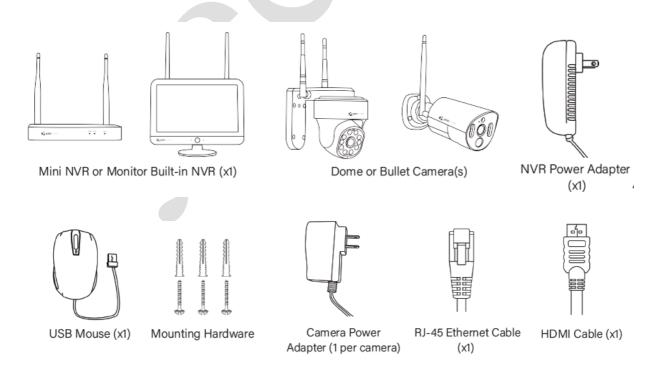
- PC Operating System: Windows® 10 and above
- MAC Operating System: MAC OS X® 10.9 and above

Please be sure that your mobile device complies with the following specifications:

- Android™: 6.0 and above
- iOS®: 10 and above

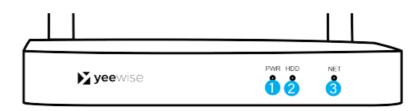
3.3 Package Contents

DISCLAIMER: The exact components of your system, images and quantities may vary depending on your model number. While these may vary, this QSG will address the setup and initial configuration of your NVR and cameras.



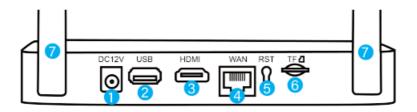
NOTE: For best results, use the included Night Owl accessories. Third party accessories may not work properly.

3.3.1 NVR Diagram



FRONT VIEW

- 1. **Power Indicator** Indicates whethere the NVR is powered on.
- 2. **HDD Indicator** Indicates whether the hard drive is running.
- 3. **Network Indicator** Indicates the network status.



REAR VIEW

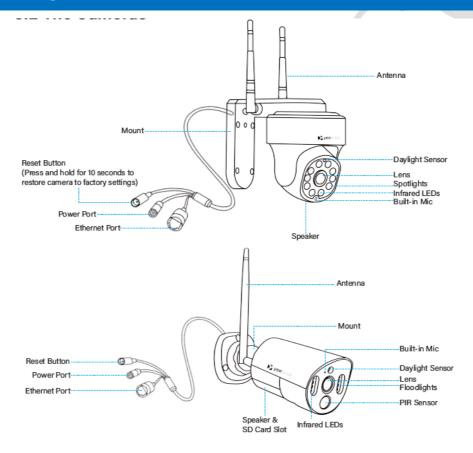
Images used are for reference only. Your product may vary slightly.

NOTE: The maximum number of cameras you can connect to your NVR will be determined by the number of channels.

- **1. Power Input U**sed to connect the included 12V DC power supply.
- 2. **USB Port -** Allow for the connection of a USB mouse or a USB flash drive. You will connect the included USB mouse to assist you in navigating the NVR's menu interface. You will connect a USB flash drive to download video files from the NVR for long term storage or sharing.
- 3. **HDMI Output -** Allows for a video connection. If the TV/Monitor has an HDMI input, connect the HDMI cable from the HDMI output port on the NVR to the HDMI input port on your TV/Monitor.

- 4. **RJ-45 (Ethernet) Port** Used to connect the NVR to your modem/router for remote viewing. You can also connect your NVR to the Internet via Wi-Fi.
- 5. **Reset** Used to hard reset your NVR to manufacturer settings.
- 6. **Micro SD Card Slot** Allows for video storage. You can also add a 2.5" SATA HDD to the NVR for mass storage.
- 7. **NVR Antennas** For Wi-Fi connection with all cameras.

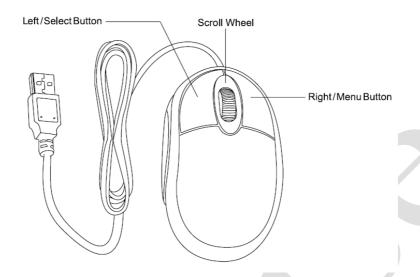
3.3.2 Camera Diagram





Connect all cameras locally before final placement to ensure that all components function properly.

3.3.3 Mouse Diagram



Live Viewing:

Double-click the left button on any camera view in split-screen mode to bring it to full screen display.

Double-click again to return to split-screen mode.

Click the left button on any camera view in split-screen mode to show the channel toolbar menu. Right-click to hide the icons.

Right-click to show the NVR main menu.

Right-clicking again will hide the NVR main menu.

In Setting:

Left-click to make a selection.

Right-click to cancel setting or return to previous screen.

To Enter Values:

Move the cursor to a blank field and click the mouse. A virtual keyboard will appear which supports numbers, letters, and symbols. The Shift function will access symbols in addition to upper case letters.

Chapter 4: Camera Installation

4.1 Installation Precautions

Please refer to below tips while install and use the device:

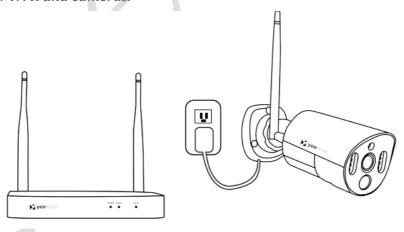
- 1. To extend the life of the device, please keep the device away from water, high temperature, and dust. Use it in a well-ventilated place.
- 2. Please use SATA hard drive, USB devices and mouse purchased from authentic channels.
- 3. Before use, please ensure the NVR has correct ground connection. Power source should not exceed the indicated normal working voltage range in the specs sheet.
- 4. Do not place near high voltage wires or other sources of electrical interference. Electrical interference will degrade the quality of the signal.

4.2 Power

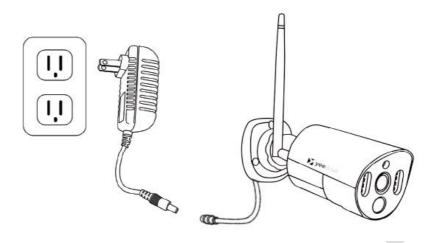


Connect all cameras locally before final placement to ensure that all components function properly.

DISCLAIMER: The exact components of your system, images and quantities may vary depending on your model number. While these may vary, this Manual will address the setup and initial configuration of your NVR and cameras.



- 1. Locate the camera power adapter included and connect it to a surge protector, UPS or wall outlet.
- 2. Connect the camera power adapter to camera's power port.
- 3. Repeat for each camera.

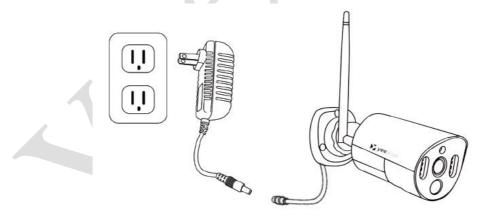


4.3 Add Camera (Wireless Add)

By default, each camera within your Wireless NVR kit comes pre-paired to the Wireless NVR. Additionally, your wireless NVR has its own built-in Wi-Fi for secure, uninterrupted video transmission and recording. Pairing allows for the wireless transmission coming from the camera to be detected by the Wireless NVR. However, if you want to add a new camera to this NVR system, you need to pair it to the NVR.

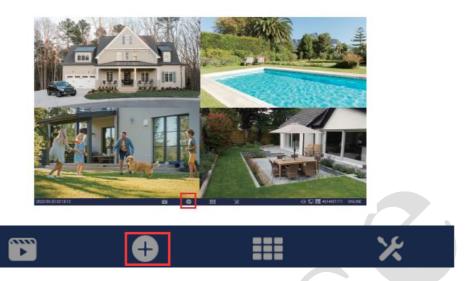
To pair a new camera to your NVR, please use the below steps:

1. Power on the camera(s) using the camera power adapter(s).

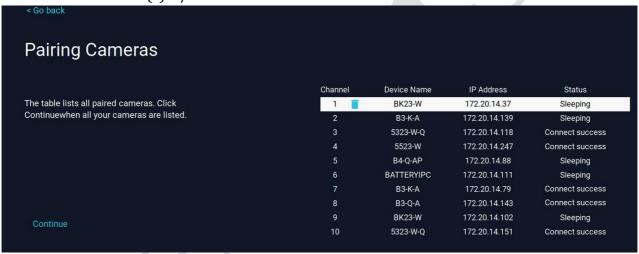


NOTE: This should be done locally at the NVR to avoid interference.

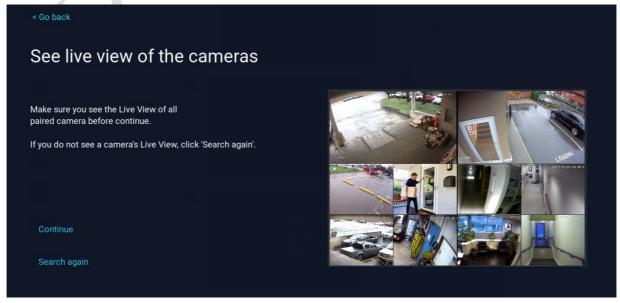
2. With the NVR connected to a TV/Monitor, click + icon at the bottom and follow the onscreen guide to pair your camera(s) to the NVR.



3. NVR starts searching and pairing the new camera(s). Do not click **Continue** until you see the new camera(s) is/are listed in the table.



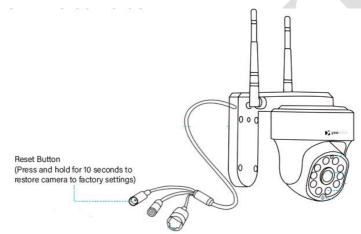
4. Once the camera(s) is/are paired to NVR, you'll see it/them display video on the monitor.



5. Your new camera(s) has/have now been paired to the NVR using NVR's built-in Wi-Fi. You can go ahead to mount the camera(s).



6. If you fail to pair the camera(s) to NVR, please **reset the camera(s)** and pair it/them again. To do so, press and hold the reset button until you hear a prompt sound, indicating the camera(s) has/have begun the reset process. Then pair the camera(s) to NVR once again.



NOTE: The location of the camera reset button may vary.

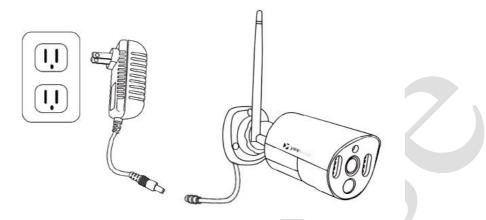
NOTE: Pairing a replacement camera to WiFi NVR is exactly the same as pairing a new camera. The only difference is that you need to go to NVR's Camera menu and delete the old camera from NVR first, then click + to pair the replacement camera to NVR.

4.3.1 Match Code (Configure the camera to work wired)

If there is a camera needs to be mounted out of NVR's WiFi range, you can hardwire it to NVR and configure it to work wired.

To configure a camera work wired, please follow below steps:

1. Power on the camera using the camera power adapter. Connect the camera to NVR's Ethernet port with a network cable.

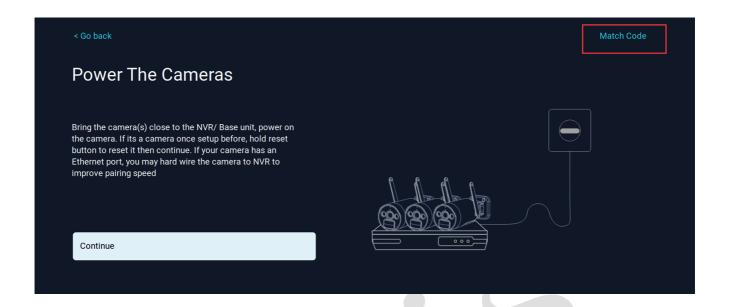


NOTE: NVR's has one Ethernet port only. If you have more than one camera needs to work wired, you can also hardwire the camera to router with network cable.

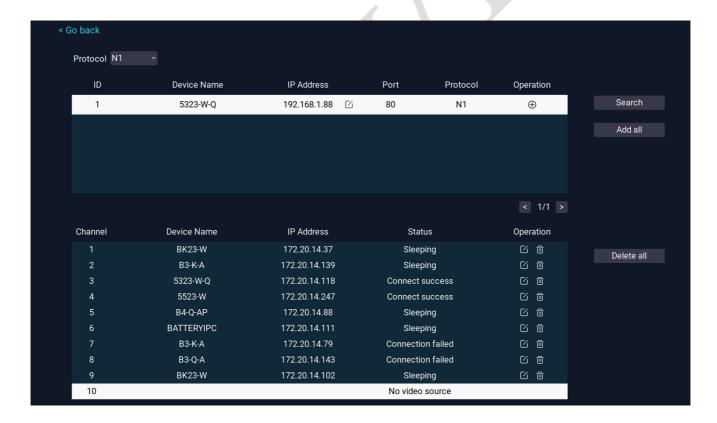
2. With the NVR connected to a TV/Monitor, click + icon at the bottom.



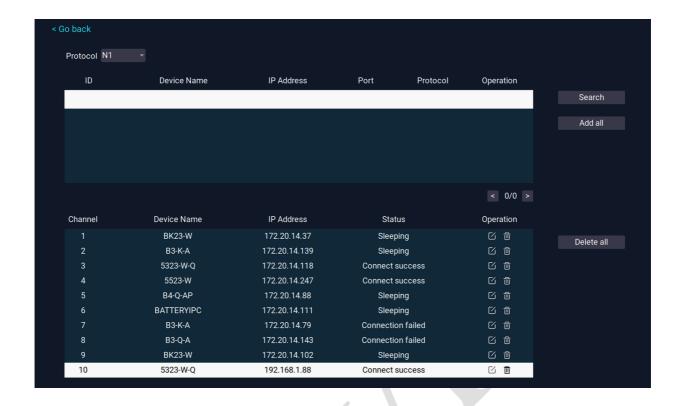
3. In this page, click **Match Code** on upper right corner.



4. Click Search and wait for the NVR to search for camera(s) in LAN. The top portion of the screen will list cameras that have been found but not yet paired. The bottom portion of the screen will show all cameras that are currently paired to the NVR.



5. Once the camera is searched out and listed above, click to select the camera on upper table, then click **Add All** on the right. Camera will be added to NVR and show in the bottom table within seconds.



NOTE: Cameras with IP address begin with 172. connect to NVR wirelessly, while camera with IP address begins with 192. is hardwired to NVR.

4.4 Mounting the cameras



Connect all cameras locally before final placement to ensure that all components function properly.

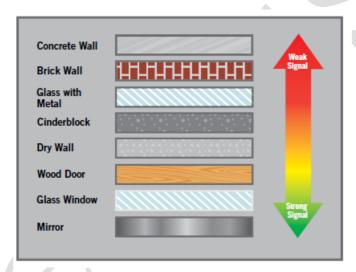
Camera distance from NVR.

Your wireless IP cameras will reach up to 3-400ft. wirelessly. Therefore, proper placement of the wireless NVR in your home will help ensure you achieve maximum coverage.

• Do not place near high voltage wires or other sources of electrical interference. Electrical interference will degrade the quality of the signal.

HOW OBSTACLES AFFECT YOUR SIGNAL STRENGTH

When your wireless signal is transmitted through various materials, such as walls and windows, the signal strength is affected. Though the NVR and wireless camera may be very close in proximity, you could still notice high signal interference if the signal passes through certain obstacles. For instance, if the signal passes through a concrete wall it will be severely weakened. Please reference the chart below to see which obstacles highly affect your signal and which do not.



Place camera out of reach to avoid vandalism.

Avoid direct exposure to weather.

Do not place the camera where rain or snow will hit the lens directly nor should the camera be placed so that the sun or bright light shines directly into the lens. Your camera is weatherproof, but it will not work when submerged in water. Ensure that all power and video connections are not directly exposed to water and are protected from the elements.

• Mounting Surface.

The mounting surface must hold at least four times the camera's total weight.

Follow these instructions to correctly install your cameras.

- 1. Drill holes in accordance with the mounting hole.
- 2. Install the mount base with screws included in the package.

 NOTE: Use the drywall anchors included in the package if needed.



3. Attach the camera to the security mount.



4. To adjust the camera direction, you may control the camera to pan and tilt via NVR or WallPixel App.

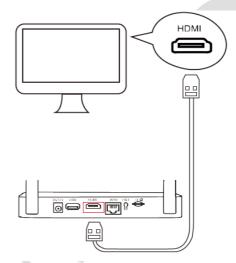
NOTE: For better WiFi connection, it is recommended to let the antenna upward or horizontally.

Chapter 5: NVR Installation

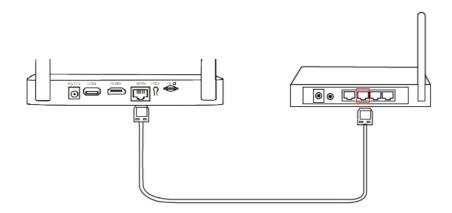
5.1 Connecting Your Wi-Fi NVR

1. Plug one end of the included HDMI cable into the HDMI port on the back of the Wireless NVR. Plug the other end of the HDMI cable into the back of your TV or monitor.

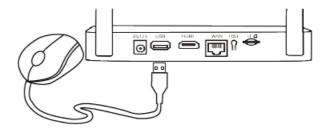
NOTE: Monitor is required for initial setup. After completing the initial setup, your NVR does not need to be connected to a TV or monitor to view or capture recordings.



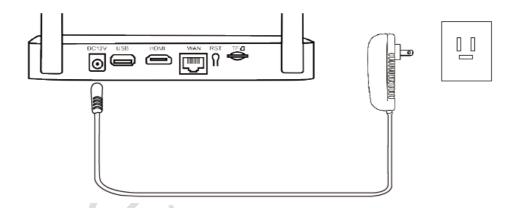
- 2. Select the appropriate video input channel on your TV or monitor to view the NVR.
- 3. Plug one end of the included Ethernet cable into the LAN port on the back of the Wireless NVR. Plug the other end of the Ethernet cable into a port on the back of your router. (Skip this step if you plan to connect the NVR to your router wirelessly, as the NVR supports connecting to your router over WiFi)



4. Plug the USB mouse included to the USB port at the back of the NVR.



- 5. The Camera and NVR power adapters will be appropriately labeled. Ensure you are using the correct power adapter when setting up your system.
- 6. Connect the Wireless NVR power adapter to the Power Input on the rear of the Wireless NVR. Plug the Wireless NVR power adapter into a surge protector or Uninterruptible Power Supply (UPS). (Surge protector and UPS not included)



7. You should see each camera appear on your TV/Monitor. You may now proceed to install your Wireless NVR cameras in the desired location.

Chapter 6: Getting Started

6.1 Setup Wizard

When your NVR is powered on it will display the Yeewise logo while initializing. After initialization, you will be prompted to use the Startup Wizard.



6.1.1 Language Setup

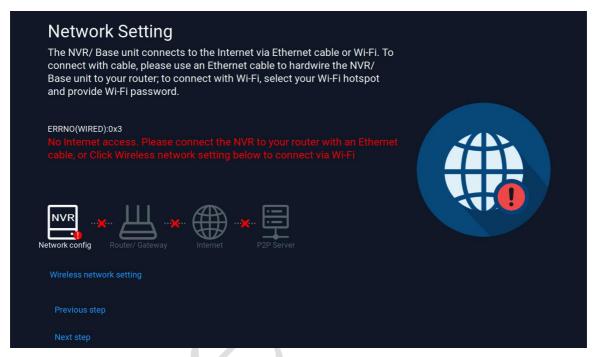
The Language Setup screen of the Startup Wizard will allow you to select a language for your NVR system.



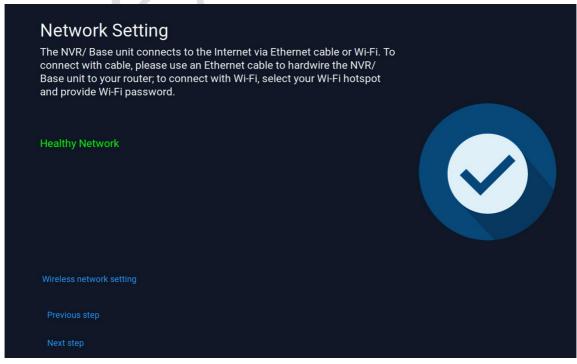
6.1.2 Network Setting

The Network Setting screen of the Startup Wizard displays instructions on how to connect your NVR to the Internet.

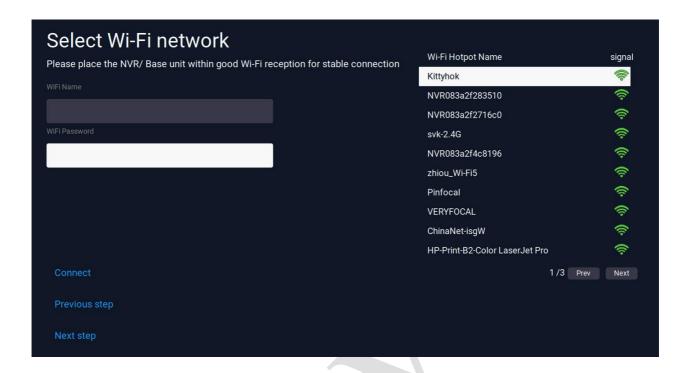
The NVR supports connecting to the Internet with Ethernet cable or wirelessly. You can either hardwire the NVR to your router with included network cable or connect NVR to your router over Wi-Fi.



Once your NVR is successfully connected to the Internet, it will show **Healthy Network** in this screen.



By clicking **Wireless network setting**, you can connect the NVR to your router over Wi-Fi. Select your Wi-Fi and enter the correct Wi-Fi password, the NVR will connect to the Wi-Fi soon.



6.1.3 Date & Time Setup

The Date and Time Setup screen of the Startup Wizard will allow you to set the current date and time. You may choose to use Network Time Protocol (NTP) to auto-configure the current date and time. To use NTP, turn on "**Set time automatically**".



NOTE: In order to use Network Time Protocol (NTP), your NVR must be connected to the Internet.

Select the correct time zone for your location.



By turning on Daylight Saving Time, you can adjust how your NVR responds to DST.



6.1.4 Storage Management

The Storage Management screen of the Startup Wizard displays hard drive information, including storage type, storage status and storage capacity.



6.1.5 See Live View of the Cameras

The See Live View of the Cameras Screen will display all paired cameras' live view footage, as long as the cameras are plugged into power.



6.1.6 Set Password

The Setup Password screen of Startup Wizard requires you to create an admin password for your NVR system. Yeewise strongly suggests that you write down your admin password on the Quick Setup Guide of your NVR, as you will be required to log in any time you want to configure or adjust your system settings.



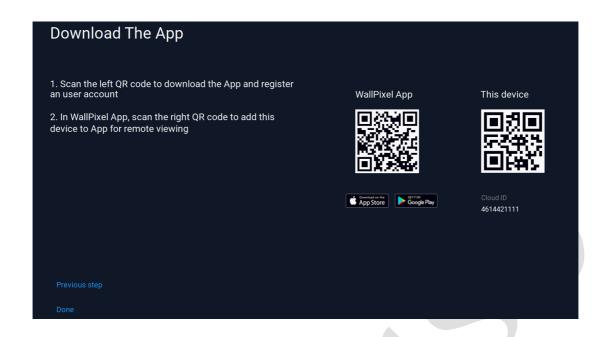
NOTE: If you have forgotten your Admin password, please contact Yeewise support at <u>support@yeewise.com</u> to restore your password.

6.1.7 The WallPixel App

Download The App Startup Wizard gives you information on where to find the WallPixel App and how it can be used to remotely view your NVR recordings and live stream.

Once you have installed the WallPixel App on your smart device and created an account, you can scan the right QR code to add your device to the app.

- Scan the left QR Code to download the app.
- In WallPixel App, scan the right QR Code to add your device to the app for remote viewing.



NOTE: In order to view your system remotely, your NVR must be connected to the Internet.

Please follow the next steps for creating and using your WallPixel account.

6.1.7(a) Using the WallPixel App

Download and Install Application

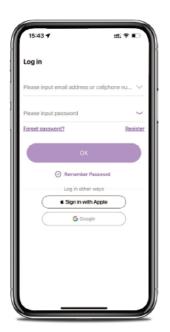
1. Download the WallPixel app from the App Store or Google Play Store and install the application on your device.

NOTE: Setup is the same for Smartphone and Tablet.









2. Create an account using an email address or phone number for the username and a password between 6–20 characters.

3. After completing the account setup, sign into the app and tap the "+" symbol to add a device. The WallPixel App will lead you through the rest of the setup process.



Connecting and Adding your Device

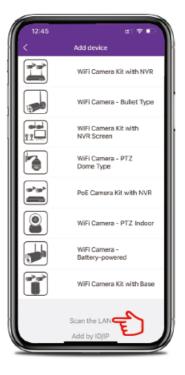
A device can be added to the WallPixel App by using the App's **Scan the LAN** or through a **QR Code Setup**. With Scan the LAN function, your NVR will automatically be detected by the WallPixel App, making it easy. To use this preferred method, ensure your smartphone and NVR are both in the same network.



4A. Scan the LAN

If your NVR and smartphone are in the same network, tap Scan the LAN on the bottom, the App will find the NVR in the LAN, you can add it to App with a single tap.





If this method is not available, please use the QR Code Setup from step 4B below.

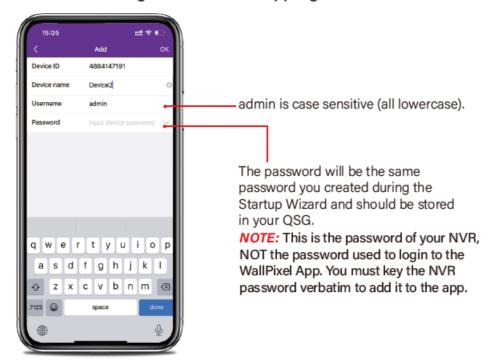
4B. QR Code Setup

To use the QR Code Setup, click the plus + sign and **Scan**, then hover your smartphone camera lens over the QR code labeled on the NVR.

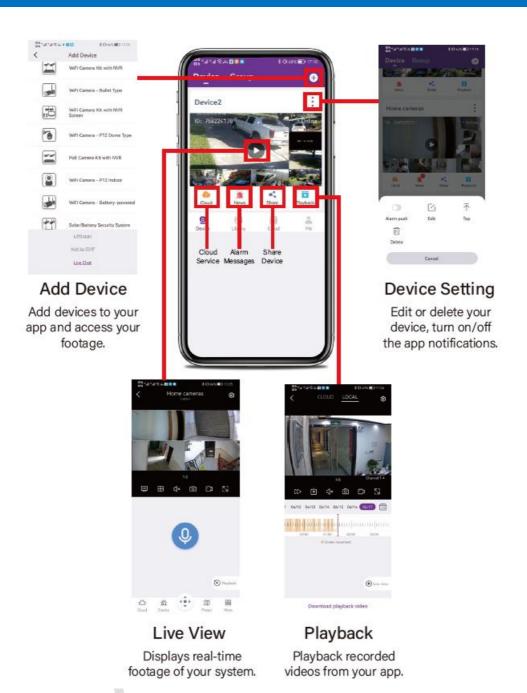


5. On the Add Device screen, enter the NVR login password. The NVR username is **admin** by default. If you are not the **admin**, login with your username credentials. (the password set in step 6.3)

NOTE: the NVR login and WallPixel App login are different.



6.1.7(b) App Overview



6.2 Live View (Login and Icons)

This section will discuss the Live View status icons and how to control and manage your NVR using the channel toolbar and mouse menu.

6.2.1 Live View (All Channels)

After you have completed the Setup Wizard for your NVR, you will see the Live View screen. Live View is the default display mode of the NVR. It is the screen you will use to watch live video feed from your NVR cameras and make select adjustments.

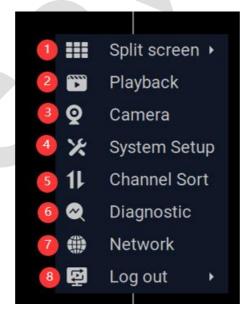


- 1. Live Video: Live video of the camera.
- **2. Camera Date and Time:** Displays the date and time of your camera.
- **3. Audio:** Turn on/off audio of the camera.
- **4. Humanoid Detection:** Indicates humanoid detection is enabled on that camera.
- **5. Event Record Icon:** Indicates motion detection recording on that camera.
- **6. Continuous Record Icon:** Indicates 24/7 continuous recording on that camera.
- **7. Signal Strength:** Shows the signal strength of the camera.
- **8. Camera Name OSD:** Shows the camera name.

- **9. NVR Date and Time:** Shows the date and time of your NVR.
- **10.Playback:** Opens the video playback menu.
- 11.Add Camera: Add a new camera to NVR.
- **12.Multi-Camera View:** Select a multi-screen viewing option, where you'll be able to see multiple video feeds at once.
- **13. System Setting:** Opens the System Setting menu.
- **14.** Audio: Controls live audio volume.
- **15. Cloud ID:** Shows Cloud ID of your NVR. Cloud ID is used for remote access. Add your NVR to any smart devices by using this Cloud ID will allow you to remote access your cameras.
- **16. Network Status:** Shows network status of this NVR.

6.2.2 Right Click Menu

Right click your mouse to pop out the NVR main menu.



- 1. **Split screen:** Select a multi-screen viewing option, where you'll be able to see multiple video feeds at once.
- 2. **Playback:** Opens the Video Playback menu. You can playback recorded videos based on your search conditions here.
- 3. **Camera:** Manage the connected cameras.

- 4. **System Setup:** Opens the system setting menu, allows you to do some basic settings of the system.
- 5. **Channel Sort:** Adjust the channel order.
- **6. Diagnostic:** Check the camera and system connection status.
- 7. **Network:** Check the network connection status.
- 8. **Log out:** Logout/Reboot/Shutdown the NVR.

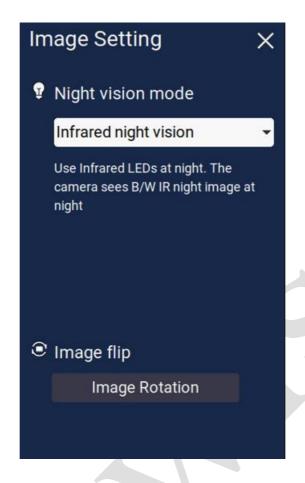
6.2.3 Channel Toolbar Menu

Click the left button on any camera view in split-screen mode to pop out the channel toolbar menu. Right click to hide the icons.



- 1. Full-Screen: Full-screen the selected channel.
- **2. Image Setting:** Opens the Image Setting menu.
- **3. Audio:** Turn on/off the audio (This NVR comes with speaker built-in, you can hear the voice on the monitor while live view camera footage.).
- **4. Zoom:** Click to zoom in pictures and right click to exit it. You can scroll the mouse wheels to zoom in/out pictures.
- **5. PTZ Control:** Opens the PTZ Control menu.

6.2.3 (a) Image Setting



Night Vision Mode: Choose the night vision mode for selected camera.

- **Infrared night vision:** Infrared LEDs turn on at night and camera delivers black and white videos at night.
- **Night Vision Off:** Infrared LEDs won't turn on at night (not recommended).
- **Infrared Always On:** Infrared LEDs always on (not recommended).
- **Full color night vision:** Spotlights/floodlights turn on at night and camera delivers full color videos.
- **Smart Night Vision:** When there is no motion, infrared LEDs turn on at night and camera delivers black and white videos. When motion is detected, the spotlights/floodlights will turn on to illuminate the area and camera starts to deliver full color video.

NOTE: Full color night vision only applies to cameras that have spotlights/floodlights built-in.

Image Flip: Flip/Rotate the camera image.

6.2.3 (b) PTZ Control

PTZ is an abbreviation for Pan, Tilt and Zoom. A pan-tilt-zoom camera (PTZ camera) is a camera that is capable of remote directional control (left/ right/ up/ down) and zoom control.

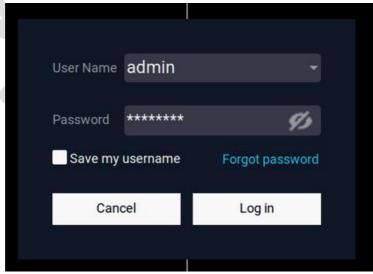


- 1. PTZ Direction Key: Control the camera to move up and down, left and right.
- **2. Speed:** Adjust speed of the PTZ speed dome camera.
- **3. Focus:** Adjust focus of the PTZ camera.
- **4. Zoom:** Zoom in/out of the camera image.

- **5. Tour:** Turn on/off auto cruise of the camera. On auto cruise mode, the camera will automatically rotate 360° at a set speed at 36° intervals, resting for 10 seconds between each turn.
- **6. Automatic Tracking:** Turn on/off auto tracking of the camera. Auto tracking uses advanced technology that consists of both detection and tracking. The camera will automatically detect, follow, and even record a specific vehicle or person in the cover area. The pan/tilt function will adjust the direction of the camera so that moving objects can be tracked automatically.
- 7. PTZ Calibration: Click to calibrate the PTZ camera.
- **8. Frequent Viewed Spot:** Also called presets. For important areas, you can set them as preset points. The image screen will quickly switch to the corresponding position by directly clicking the preset point set in advance.
- **9. Shortcut Mode:** Enter the numerical value of each preset and click Goto, camera will move to the corresponding monitoring position automatically.
- **10.Home/Guard Point:** The first created preset is set as home point in default. When home point is turned on, camera will automatically return to its home point when auto tracking is complete.

6.2.4 Login/ Forgot Password

Anytime you want to configure or adjust your system settings you will be required to log in by entering your username and password. It's important you save your login information or you won't be able to access your NVR. We strongly recommend that you store your password on your QSG.



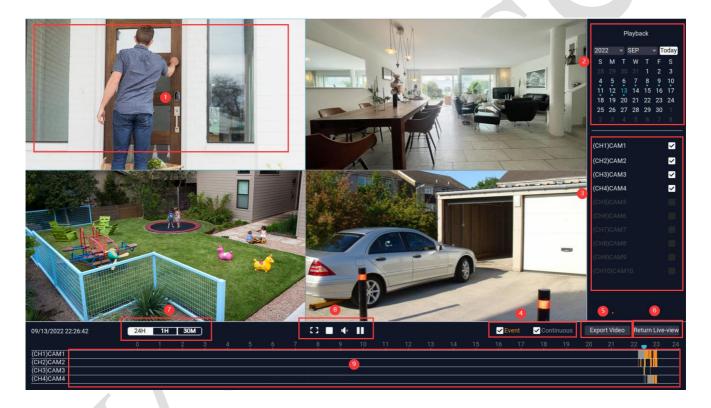
Username: Admin (all lowercase) is the default username.

Password: Enter the password you created during the Startup Wizard. (Default password is none, means no password, leave it blank.)

If you forgot your password, please contact Yeewise support at support@yeewise.com to restore it.

6.3 Video Playback

Search and playback all recorded video from this menu. Choose your desired date, channel, recording modes, and click on the time bar below to locate the videos. Right-click to exit.

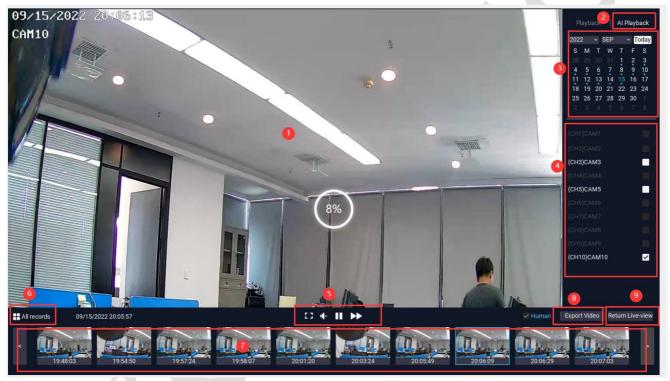


- 1. **Video Image:** Shows an image of the cameras that have video for the search parameters entered.
- 2. **Date:** Allows you to search videos by date.
- 3. **Channel/Camera:** Allows you to search certain channels/cameras.
- 4. **Event/Continuous:** Allows you to search for motion or continuous recordings.
- 5. **Export Video:** Allows you to export a recording onto a USB flash drive.
- **6. Return Live View:** Returns to live view mode.

- **7. 24H/1H/30M:** Allows you to switch the timeline between a day or hour scale.
- **8. Controls:** Allows you to control (enlarge, full-screen, turn on/off audio, pause & play) a video.
- 9. **Timeline:** Shows the presence of a video recording and shows the progress of the video

6.3.1 AI Playback

AI Playback will allow you to playback AI recordings only.

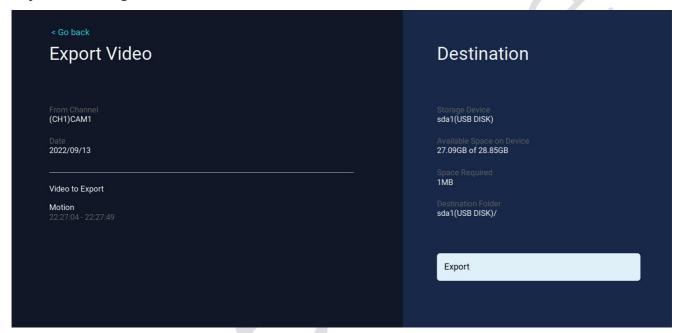


- 1. **Video Image:** Shows an image of the cameras that have video for the search parameters entered.
- 2. AI Playback: Allows you to playback AI recordings only.
- 3. Date: Allows you to search videos by date.
- **4. Channel/Camera:** Allows you to search certain channels/cameras.
- **5. Controls:** Allows you to control (full-screen, turn on/off audio, pause and fast-forward) a video.
- 6. **Grid Display Form**: Display all AI recordings in grid form.
- **7. List Display Form:** Display all AI recordings in list form.

- **8. Export Video:** Allows you to export a recording onto a USB flash drive.
- **9. Return Live View:** Returns to live view mode.

6.4 Export Recordings

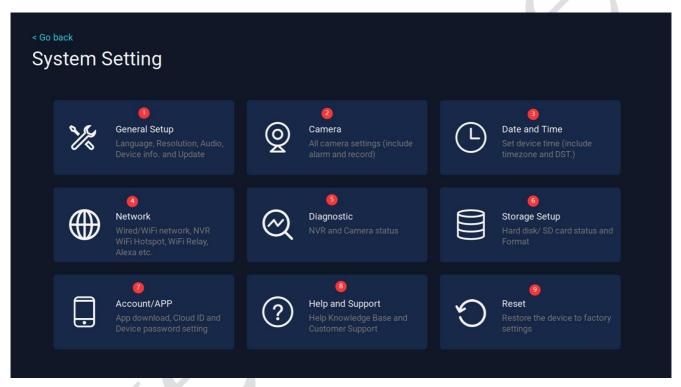
Export recordings onto a USB flash drive.



Chapter 7: Menus and Settings

Menu

The main menu lets you access many of your NVR's great features. You can customize camera names, keep track of recent events, create recording schedules, configure advanced motion detection settings, check up on the hard drive's condition and change other NVR settings.

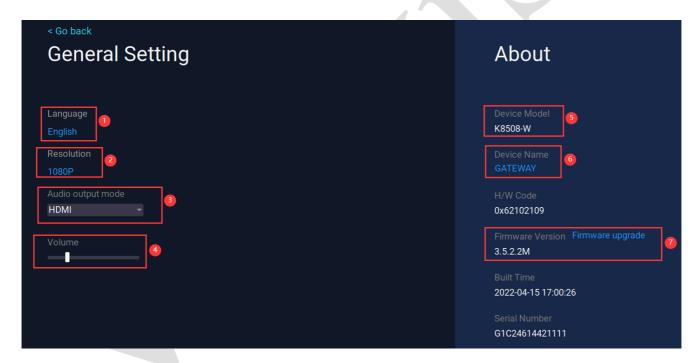


- 1. **General Setup:** Will allow you to access Language, Resolution, Audio Output Mode, Volume and Firmware Upgrade. It also displays model information of the NVR system.
- 2. **Camera:** Will provide access to camera settings, including edit/delete cameras, record mode, motion detection and alarm settings.
- 3. **Date and Time:** Will allow you to set the device date and time.
- 4. **Network:** Find network values and optimize connectivity based on your Internet connection. In most cases the values should populate automatically once your NVR is connected to the Internet. The values in this section should only be adjusted if you are an advanced user and have extensive experience in device networking.
- 5. **Diagnostic:** Will allow you to check camera connection status, signal strength, firmware version and NVR system information.

- 6. **Storage Setup:** Will provide access to the HDD information, allow you to format and reformat your HDD.
- 7. **Account/App:** Will show you information of where to find the WallPixel App and how it can be used to remotely view your NVR recordings and live stream.
- 8. **Help and Support:** Will provide access to Yeewise support information.
- 9. **Reset:** Will allow you to factory reset your NVR system.

7.1 General Setting

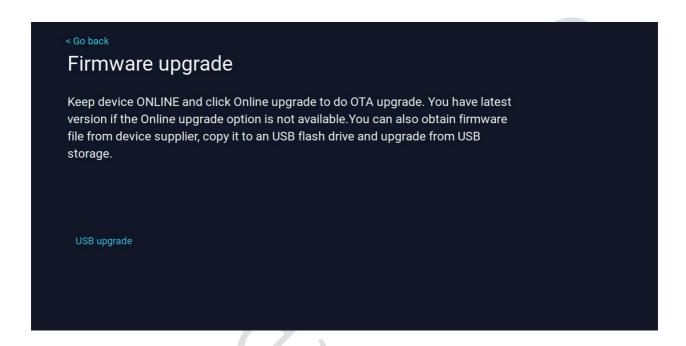
The General Setting menu will allow you to access language, display resolution and firmware upgrade of your NVR system.



- **1. Language:** Choose a language for your NVR system.
- **2. Resolution:** Optimize the display resolution to best fit your TV/Monitor. By default the NVR will select a resolution of 1080P. NOTE: Do NOT select a resolution size larger than your TV/Monitor can accommodate.
- 3. Audio Output Mode: Choose between HDMI, Speaker, HDMI + Speaker, Disable.
- **4. Volume:** Adjust volume of your NVR.
- **5. Device Model:** Displays the model number of the NVR.

- **6. Device Name:** Displays the name of the NVR. You can click to change it.
- **7. Firmware Version:** Didplsys the firmware version of the NVR. Click Firmware Upgrade to upgrade your NVR firmware to the latest.

7.1.1 Firmware Upgrade

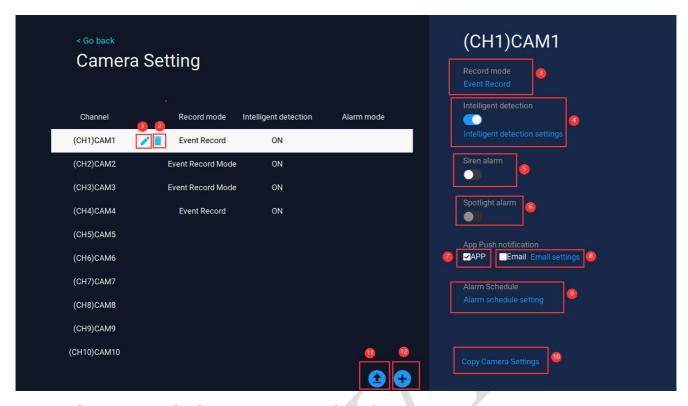


USB Upgrade: Select to upgrade NVR firmware from a USB device.

Online Upgrade: Select to upgrade NVR firmware from the network.

7.2 Camera Setting

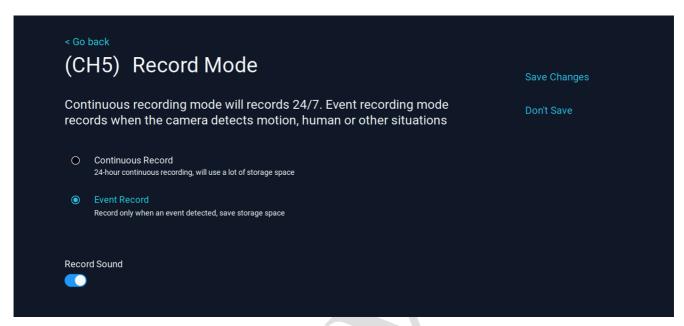
Adjust or modify individual camera settings connected to your NVR.



- **1. Edit Camera:** Edit the camera name and resolution.
- **2. Delete Camera:** Delete the current paired camera from NVR.
- **3. Record Mode:** Set record mode for the selected camera.
- **4. Intelligent Detection:** Turn on/off intelligent detection and configure the intelligent detection settings.
- **5. Siren Alarm:** Turn on/off siren alarm for the selected camera.
- **6. Spotlight Alarm:** Turn on/off spotlight for the selected camera.
- **7. App Push Notification:** Enable/Disable app push notifications. **NOTE:** To receive app push notifications on your phone, you will also need to turn on App Push in your app.
- **8. Email:** Enable/Disable email alerts and configure email settings.
- **9. Alarm Schedule:** Configure the alarm schedule for selected camera.
- **10.Copy Camera Settings:** Copy settings of selected camera to other cameras.
- **11. Upgrade Camera Firmware:** Upgrade the firmware for cameras.
- 12. Add Camera: Add a new camera.

7.2.1 Record Mode

Allow you to choose the preferred recording mode for your cameras.



Continuous Record: Channel records 24/7 non-stop.

Event Record: Channel records when motion is detected.

Record Sound: Channel records sound.

7.2.2 Intelligent Detection Settings

Allow you to define motion detection area and adjust motion sensitivity.



Set Detection Area: Will allow you to configure the motion detection area.

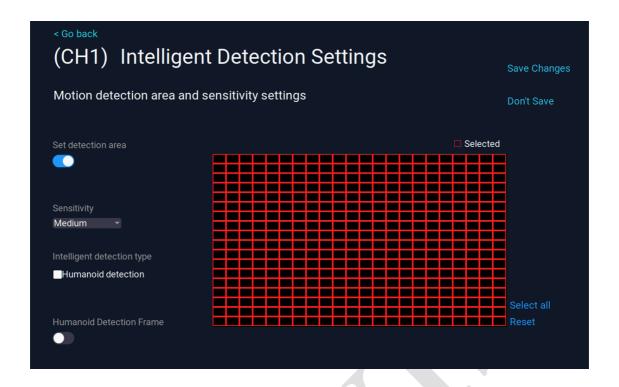
Sensitivity: Will allow you to adjust the sensitivity of the motion sensor for the camera selected. A lower setting will require more movement in the camera range to begin recording. By default, the motion sensitivity is set to Medium.

Intelligent Detection Type: Will allow you to enable/disable humanoid detection. When humanoid detection is enabled, notifications will be marked as human detected or motion detected, and you can do AI playback which allows you to playback AI recordings only.

Humanoid Detection Frame: Will allow you to turn on/off humanoid detection frame. When it's turned on, human is marked with red box when he is detected.

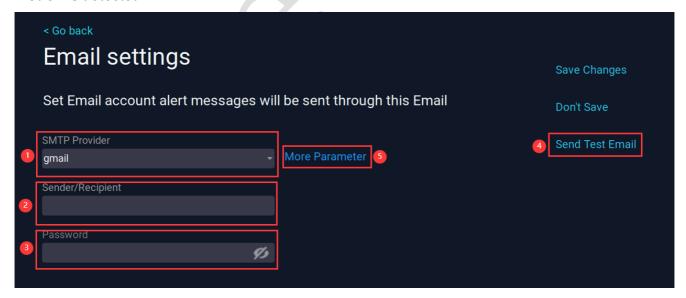
Set Detection Area will allow you to configure the motion detection area. Red boxes denote areas that will detect motion whereas uncolored boxes denote areas that will not detect motion. When finished, click **Save Changes** to save your settings.

To deselect an area, use your mouse to click and drag on individual boxes. If you wish to deselect the entire area, click Reset. You may then proceed to click and drag the area you want selected.



7.2.3 Email Setting

Enable email notifications and complete the email settings, you'll receive email alerts whenever motion is detected.



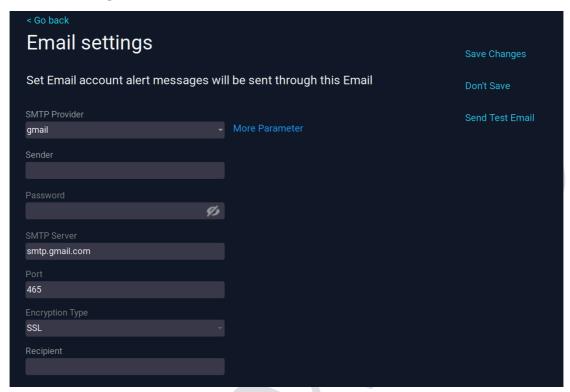
SMTP Provider: The SMTP server of your email account.

Sender/Recipient: Sender and receiver email address, they are the same.

Password: Password of your sender email account.

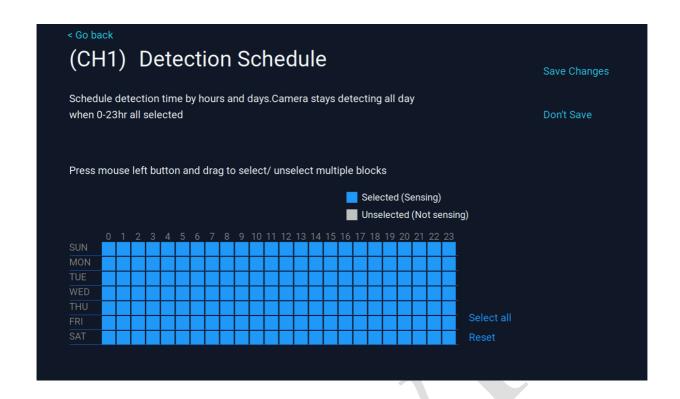
Send Test Email: Click **Send Test Email** to see if you set it up successfully.

More Parameter: Allow you to do some advanced settings of email alerts. In More Parameter mode, sender and recipient can be different.



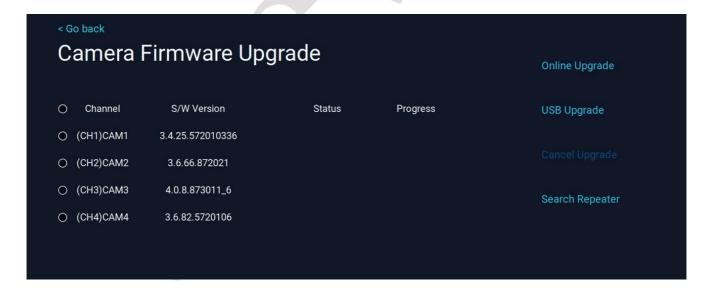
7.2.4 Alarm Schedule Setting

An alarm schedule is a way to tell your camera when motion or sound alerts should be monitored. Everyone is probably working between 9 and 5 so you might just want motion alerts to be active during that time. In the evening, everybody is home so you might want to have the motion sensing off during that time, then maybe on again while you are sleeping. The alarm schedule is what is used to control all of this as it pertains to motion and sound events.



7.2.5 Camera Firmware Upgrade

Allows you to upgrade the cameras' firmware to the latest.

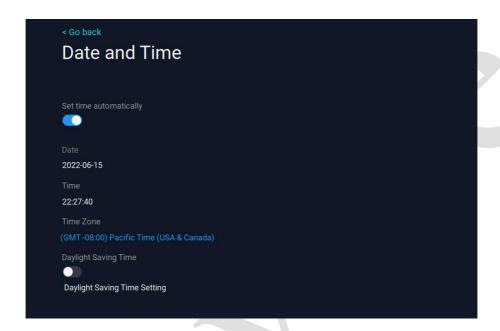


Online Upgrade: Select to upgrade camera firmware from the network.

USB Upgrade: Select to upgrade camera firmware from a USB device.

7.3 Date and Time

Set your system date and time.



Set Time Automatically: Turn on to allow the NVR synchronize time from Internet.

Time Zone: Select the correct time zone for your location.

Daylight Saving Time: Configure daylight saving time by turning it on.

By turning on **Daylight Saving Time**, you can adjust how your NVR responds to DST.



7.4 Network Setting

Find network values and optimize connectivity based on your Internet connection. In most cases the values should populate automatically once your NVR is connected to the Internet. The values in this section should only be adjusted if you are an advanced user and have extensive experience in device networking.

7.4.1 Connect to Router (Wired)

Connect the NVR to Internet by hardwire it to your router with included network cable.



Network Type: Network configuration mode that gathers the network values automatically from DHCP server. Click on DHCP to set them manually.

IP Address: Network address of the connected NVR.

Gateway: The connection between two networks. This should always be the IP address of the connected router.

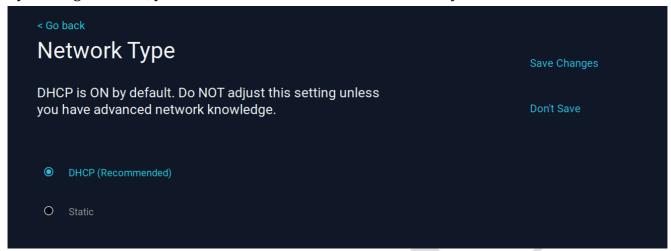
Netmask: The range of IP addresses that can be found in the network. This should always be set to the default address 255.255.255.000.

Preferred DNS: Domain Name System server address.

Alternate DNS: Alternate Domain Name System server address.

Network Status: Shows status of the network connectivity. **Healthy Network** means your NVR is connected to Internet well. And you can remote access your NVR system from Smart Devices.

By clicking on **DHCP**, you can choose Static and set them manually.



7.4.2 Connect to Router (Wireless)

Connect the NVR to your router wirelessly over Wi-Fi.



By clicking on Select **Wi-Fi Network**, you can select your Wi-Fi and enter the correct Wi-Fi password, then NVR will connect to your Wi-Fi. This gives you flexibility of where to place the NVR.



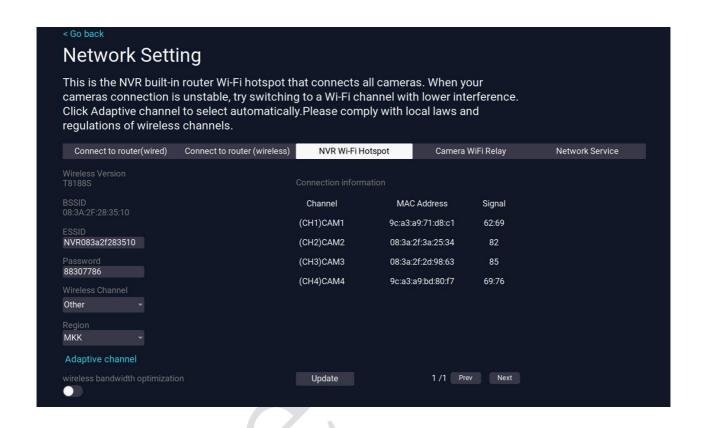
It shows Wi-Fi connection successful when NVR is connected to your Wi-Fi successfully.



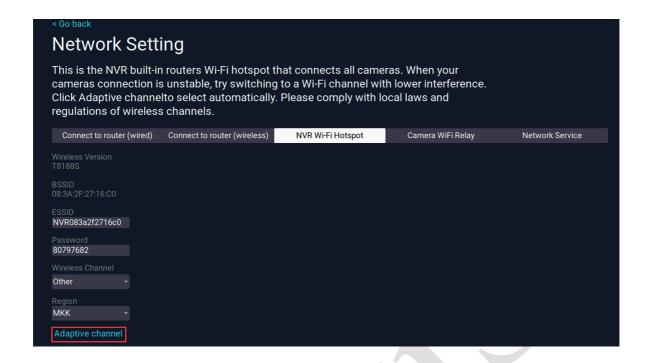
7.4.3 NVR Wi-Fi Hotspot

Displays NVR's built-in Wi-Fi information. All cameras are connected to NVR's own built-in Wi-Fi, thus they do not use your home bandwidth.

NOTE: Please do not change the NVR's ESSID and Password, as all cameras are connected to it. Changing it will lose all camera connections.



Please click Adaptive Channel to select a least interfered Wi-Fi channel automatically so your NVR performs its best Wi-Fi capability.



7.4.4 Camera Wi-Fi Relay

Yeewise wireless security camera systems have auto Wi-Fi relay tech. Cameras can work as Wi-Fi repeaters to help boosting Wi-Fi signals for the further cameras that have weak signals. Turning on Auto Wi-Fi Relay, system will set middle cameras as Wi-Fi repeaters automatically for the further weak cameras.

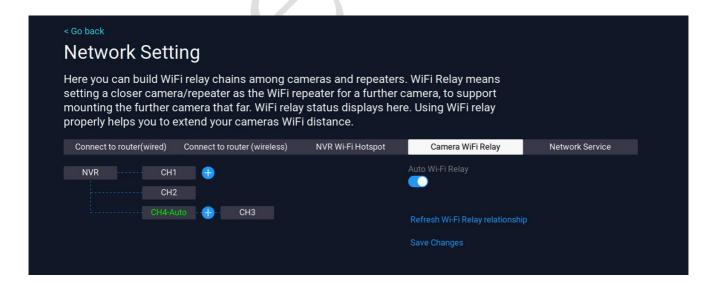


Diagram: Shows the dependency of the Wi-Fi signal for each camera connected. What is shown in the above diagram is CH1, CH2 and CH4 connected directly to the NVR, CH3 connected in Daisy Chain to CH4 where CH4 works as a repeater.

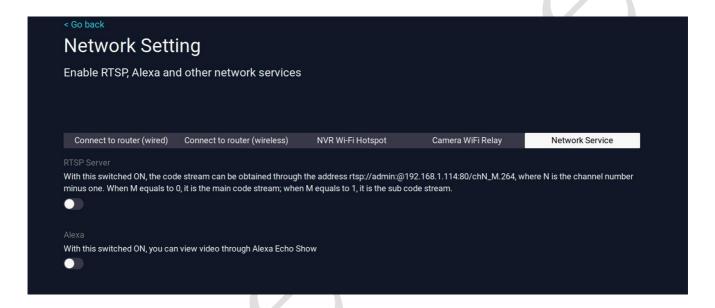
Auto Wi-Fi Relay: Auto Wi-Fi Relay is turned on in default. When needed, system will automatically set middle cameras as repeaters for further weak cameras.

Refresh Wi-Fi Relay Relationship: Will update the diagram with any changes made.

Save Changes: Will save any changes made.

7.4.5 Network Service

Allow you to enable RTSP, Alexa and other network services.

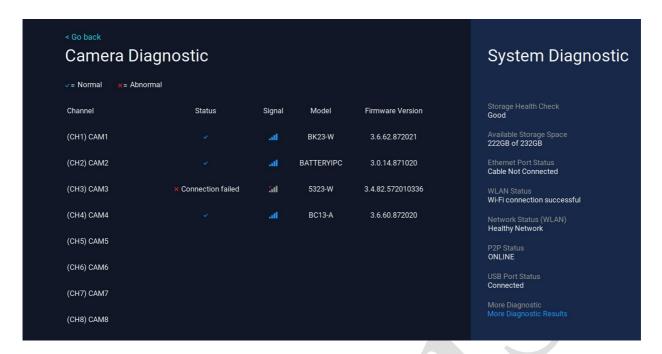


RTSP: Real Time Streaming Protocol or RTSP is a video streaming protocol that provides a video stream for use in third party software or recorders, or for use in live streaming applications. RTSP provides the flexibility to integrate video from products manufactured by one company in to third party products.

Alexa: Enjoy hands-free security using voice commands. Stream video from your camera via Alexa devices with a screen, such as Echo Show.

7.5 Diagnostic

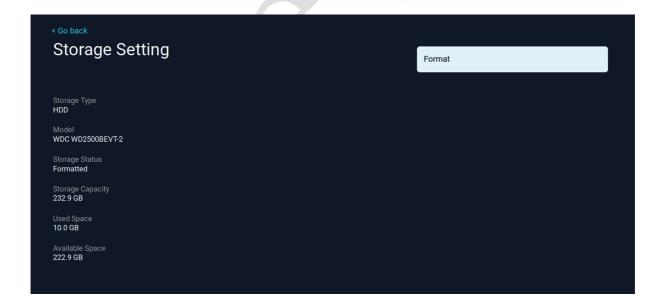
Will allow you to check camera connection status, signal strength, firmware version and NVR system information.



7.6 Storage Setting

Will provide access to the HDD information, allow you to format and reformat your HDD.

NOTE: Old footage is automatically recorded over when the HDD becomes full. Overwrite is set by default.

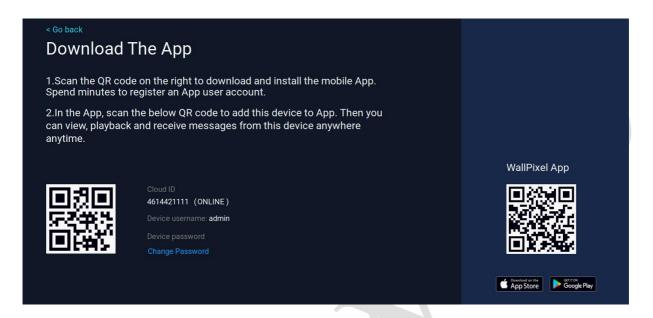


Storage Type: HDD or TF Card. NOTE: This NVR supports both HDD and SD Card for storage.

Format: Reformats the HDD, erasing all stored recordings. If the HDD is malfunctioning, a reformat is recommended before replacement.

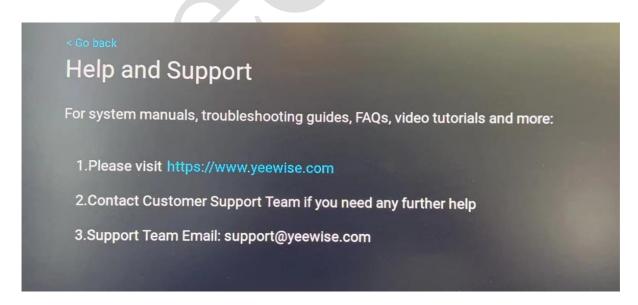
7.7 Account and App

Will show you information of where to find the WallPixel App and how it can be used to remotely view your NVR recordings and live stream.



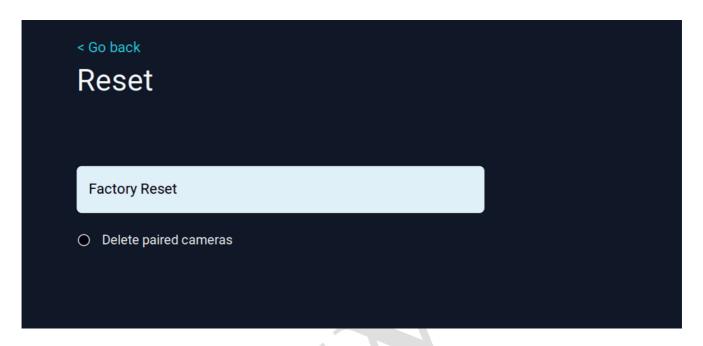
7.8 Help and Support

Will provide access to Yeewise support information.



7.9 Reset

Will allow you to factory reset your NVR system.



Factory reset: Factory restore the settings for both the network and user.

Delete Paired cameras: Will delete all connected cameras from NVR.

Chapter 8: Warranty

YEEWISE provides the following warranty to the original retail purchaser only (the "Purchaser") with respect to this product (the "Product"):

For a period of one (1) year after the date of sale, the Product shall be free from manufacturing defects in material and workmanship. In the event that the Product is defective, the Purchaser must return the Product at Purchaser's cost (no CODs) to the address below, with the original proof of purchase receipt. In its sole discretion, Night Owl will either repair or replace the Product at no additional cost to the Purchaser. Any replacement Product (or parts) will be covered by the same warranty as the original Product through the expiration date of the original warranty period.

Exclusions

This warranty does not apply to the following parts or upon the following events:

- 1. Bulbs, LEDS and batteries;
- 2. The Product was not used or installed in the manner described in the installation instructions;
- 3. Negligent use of the Product or misuse or abuse of the Product;
- 4. Electrical short circuits or power surges;
- 5. Use of replacement parts not supplied by Yeewise;
- 6. Product is either tampered with, modified or repaired by another service provider;
- 7. Product has not been maintained in accordance;
- 8. Accident, fire, flood or other acts of God;
- 9. Failure to use Night Owl approved accessories;
- 10. Defects or damages arising by use of the Product in other than normal conditions (including normal atmospheric, moisture and humidity conditions).

Except as otherwise prohibited by law, this warranty is in lieu of other warranties, express or implied and Yeewise neither assumes no authorizes any person to assume for it any other obligation or liability in connection with the sale or service of the Product.

In no event shall Yeewise be liable for any special or consequential damages arising from the use of the Product or arising from the malfunctioning or nonfunctioning of the Product or for any delay in the performance of this warranty due to any cause beyond its control. This warranty shall not apply to installation or the removal and re-installation of products after repair.

Yeewise does not make any claims or warranties of any kind whatsoever regarding the Product's potential, ability or effectiveness to prevent, minimize or in any way affect personal or property damage or injury. Yeewise is not responsible for any personal damage, loss or theft related to the Product or to its use for any harm, whether physical or mental related thereto. Any and all claims or statements, whether written or verbal, by salespeople, retailers, dealers or distributors to the contrary are not authorized by Yeewise and do not affect this provision of this warranty.

Disclaimer

Certain uses, publication and/or distribution of video/audio recordings from security cameras and/or audio devices are prohibited or restricted by federal, state and local laws. When enabling and/or using audio recording features with your hidden security camera, be sure to comply with the laws in your country, state and locality.

Mac and Mac OS X are registered trademarks of Apple Inc. Windows, Windows XP, Windows Vista, Windows 7, Windows 8 and Windows 10 are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Chapter 9: Troubleshooting

If a problem occurs, you may be able to easily correct it yourself. The following table describes some common issues and their most likely solutions. Please refer to the table before calling technical support.

Error	Possible Causes	Solutions
	Cable from power adapter is loose or is unplugged.	 Confirm that all cables are connected correctly. Confirm that the power adapter is securely connected to the back of the unit.
System is not receiving power or is not powering up.	Cables are connected, but system is not receiving sufficient power.	 Confirm that the system is powered ON (LED indicators on the front should be ON). If the unit is connected through a power bar or surge protector, try bypassing the bar and connecting the power directly to the wall outlet. Confirm that there is power at the outlet. Connecting the power cable to another outlet with another plugged device (such as a phone charger).
Mouse not detected by system.	Mouse cable is not firmly connected to the system.	Firmly connect the mouse cable to the USB Mouse port on the front panel.
	Mouse is not connected to the system.	
	System needs to be reset.	Power off the system (disconnect power cable). Firmly connect a USB mouse to the USB Mouse port on the front panel of the system. Reconnect the power cable to the DC 19V port on the real panel.

Error	Possible Causes	Solutions
The image on the NVR appears, but does not have sound.	Audio cables are loose or have been disconnected.	Check the AUDIO connection to the NVR.
	Audio channels are disable.	Right click in Live View and ensure Volume is enabled.
	Volume on external speakers (not included) is low or off.	Increase volume on external speakers (not included).
A "whirring" noise is coming from the system.	Fan is active.	The noise means the exhaust fan is working normal.
The system beeps at startup.		The beep at startup is normal.
The system beeps during motion detection.	Motion detection is enabled and the alarm is activated.	Go to the General Menu > Video Alarm, select the channel and turn Audible Warning to off.

