



USER'S MANUAL

IC8 SERIES



www.NightOwlSP.com



Thank you for choosing Night Owl Security Products!

By purchasing a Night Owl product, you receive a one (1) year warranty covering manufacturing defects in material and workmanship. In addition to warranty and technical support benefits, you have access to our vast library of free instructional “How to Videos.” You can also view our instructional videos by clicking the “How to Videos” tab within your product’s page on our website.

Night Owl’s IC8 Series Camera Compatibility:

Night Owl’s NVRs are compatible with the following camera model number: **CM-IC8-BU**

Please see the warranty section of this manual for exclusions and additional details. Not all features and capabilities are shared across all models so you may see features which are not applicable. Additionally, you may see screen images that do not exactly match those on your TV/Monitor/Smart Device.

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.

Before setting up your system, you **MUST** update your NVR’s firmware. Please follow these steps:

- 1 Connect one end of the included Ethernet cable into the LAN port on the back of your NVR. Connect the other end into your Modem/Router to establish an Internet connection.
- 2 Next, connect the NVR to your TV/Monitor using the provided HDMI cable. If your TV/Monitor does not have an HDMI port, you may use a VGA cable (*not provided*).
- 3 Using the provided NVR power adapter, power on the NVR.
- 4 Once the NVR is powered on, the Startup Wizard will begin. Follow the steps within the Startup Wizard to upgrade your system’s firmware.

NOTE: Your NVR must be connected to the Internet in order to upgrade the firmware.

Quick Setup Guide



Use a QR Code scanner on your Smart Device to scan the QR Code to the left to access the Quick Setup Guide for assistance in configuring Night Owl Security system.

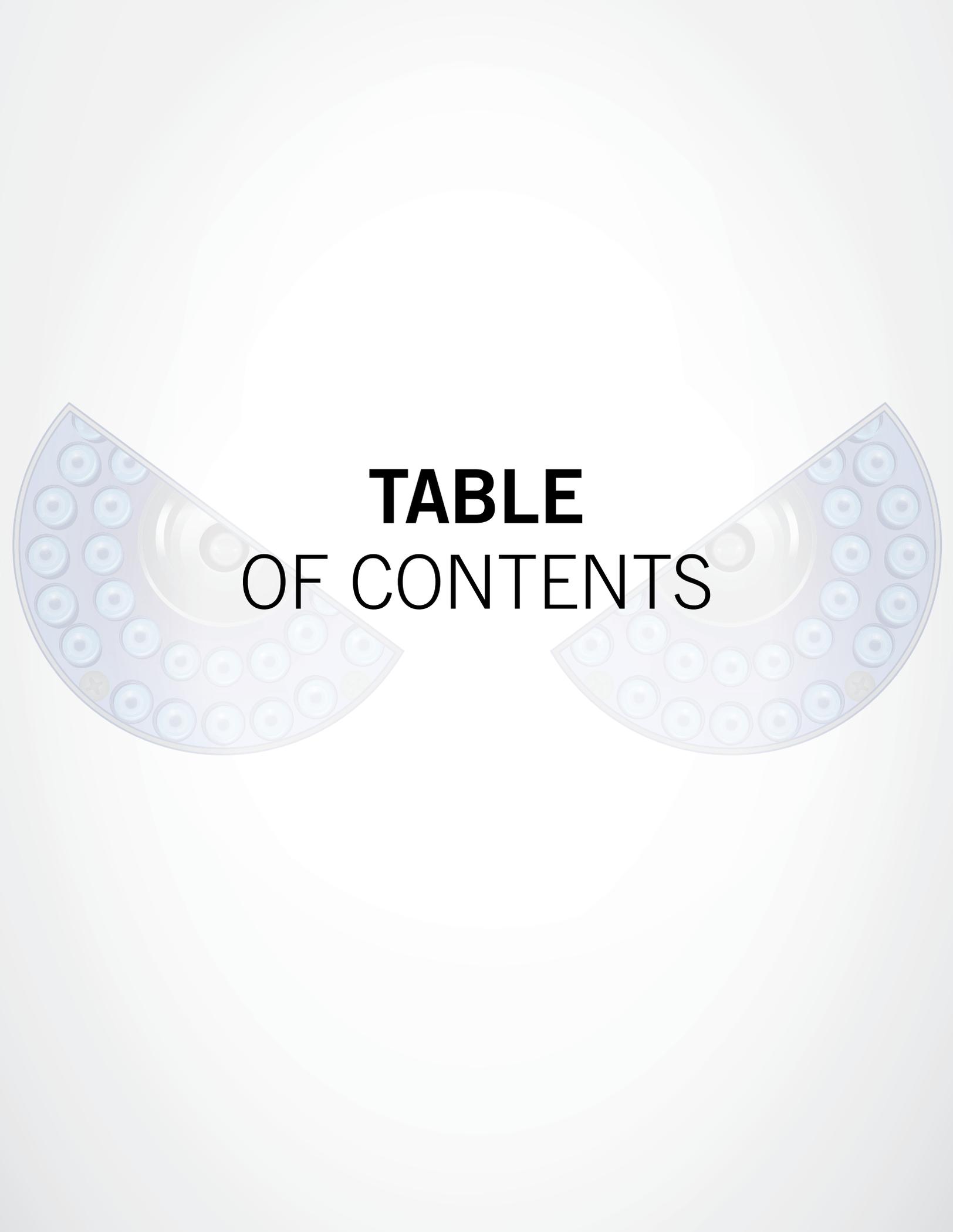


TABLE OF CONTENTS

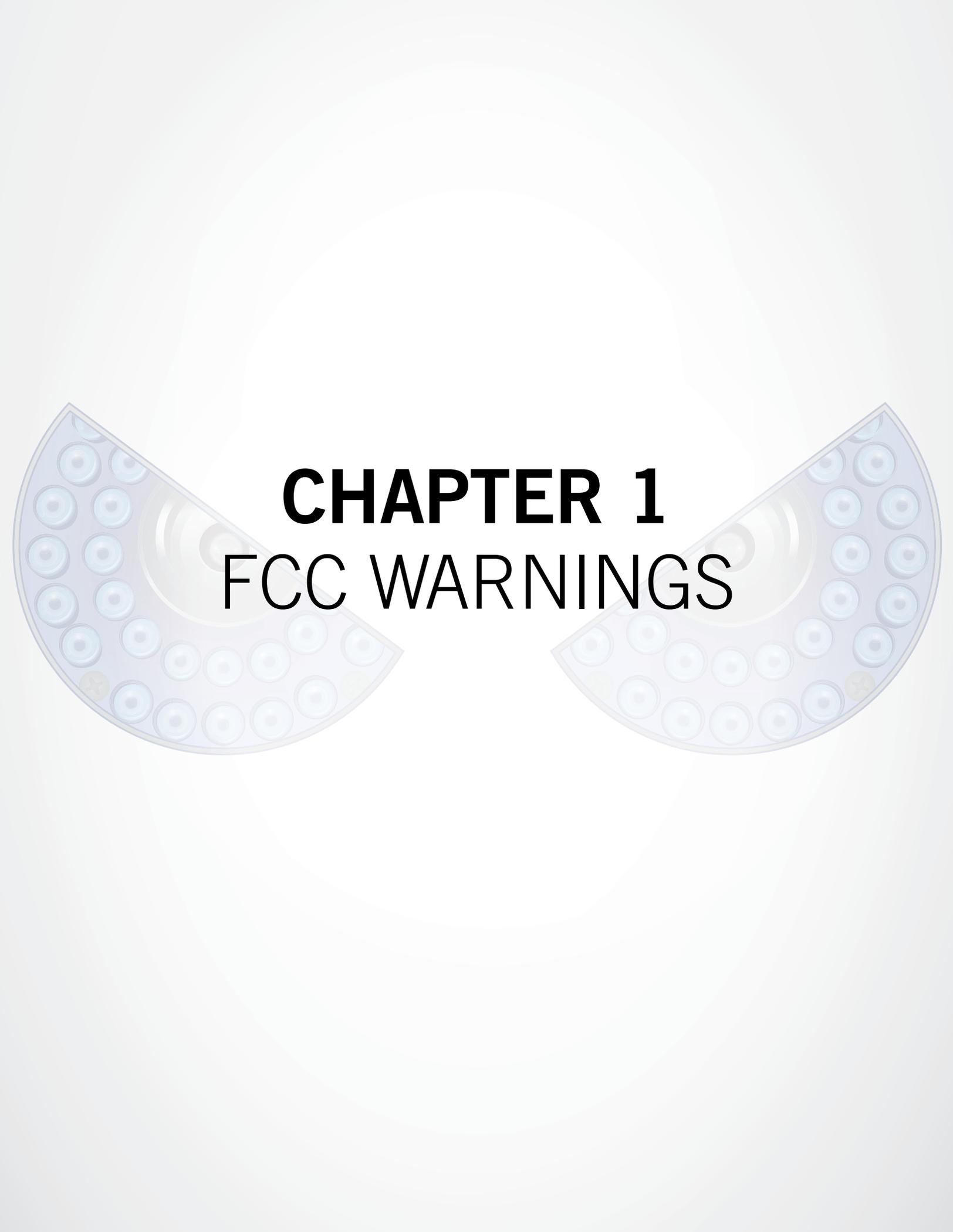
Table of Contents

Chapter 1:	FCC Warnings.....	7
Chapter 2:	Safety Instructions.....	9
Chapter 3:	Specifications	11
3.1	System Requirements	11
3.2	Package Contents	11
3.2.1	NVR Diagram	12
3.2.2	Camera Diagram	13
3.2.3	Mouse Diagram	13
Chapter 4:	Camera Installation.....	15
4.1	Power	15
4.2	Mounting the Cameras	16
Chapter 5:	NVR Installation	19
5.1	Connecting Your NVR	19
Chapter 6:	Getting Started.....	22
6.1	Startup Wizard	22
6.1.1	Camera Test	23
6.1.2	Password Creation	25
6.1.3	Date and Time Setup	27
6.1.4	Night Owl Connect App	28
6.1.4 (a)	Using Night Owl Connect.....	30
6.1.4 (b)	App Overview	33
6.1.5	Password Verification	34
6.1.6	Camera/Channel Settings.....	34
6.1.7	Camera Positioning	35
6.1.8	Channel Configuration.....	35
6.1.9	Default View.....	38
6.1.10	Helpful Links	39
6.1.11	Wizard Complete	39
6.2	Live View (Login and Icons)	40
6.2.1	Live View (All Channels)	40
6.2.2	Right Click Menu.....	41
6.2.3	Login/Forgot Password.....	42
6.3	Video Playback	43
Chapter 7:	Menus and Settings	45
7.1	General Menu.....	47
7.1.1	Network.....	47
7.1.2	DDNS.....	48
7.1.3	Video Alarm	49
7.1.3 (a)	Notification Schedule.....	50

7.1.3 (b) Area Setup.....	51
7.1.4 Time Setup	52
7.2 Cameras Menu	53
7.2.1 Status	53
7.2.2 Add Camera	54
7.2.2 (a) Manual Edit	55
7.2.3 Channel OSD	56
7.2.3 (a) Image Settings	55
7.2.4 Video Quality.....	58
7.2.5 IPC Upgrade	59
7.3 Record	60
7.3.1 Status	60
7.3.2 Export Recordings.....	61
7.4 Hard Drive	62
7.5 System	63
7.5.1 System Settings	63
7.5.2 User Management.....	64
7.5.3 Device Info	65
7.5.4 Log	66
7.5.5 Camera Speed.....	67
7.6 Maintenance	68
7.6.1 Sys Maintenance	68
7.6.2 Firmware Update.....	69
7.6.3 Factory Default.....	70
Chapter 8: Glossary.....	72
Chapter 9: Warranty	74
Chapter 10: Troubleshooting.....	77
Chapter 11: User Information	80
Customer Support.....	Back Cover



Night Owl'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.



CHAPTER 1

FCC WARNINGS

Chapter 1: FCC Warnings

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

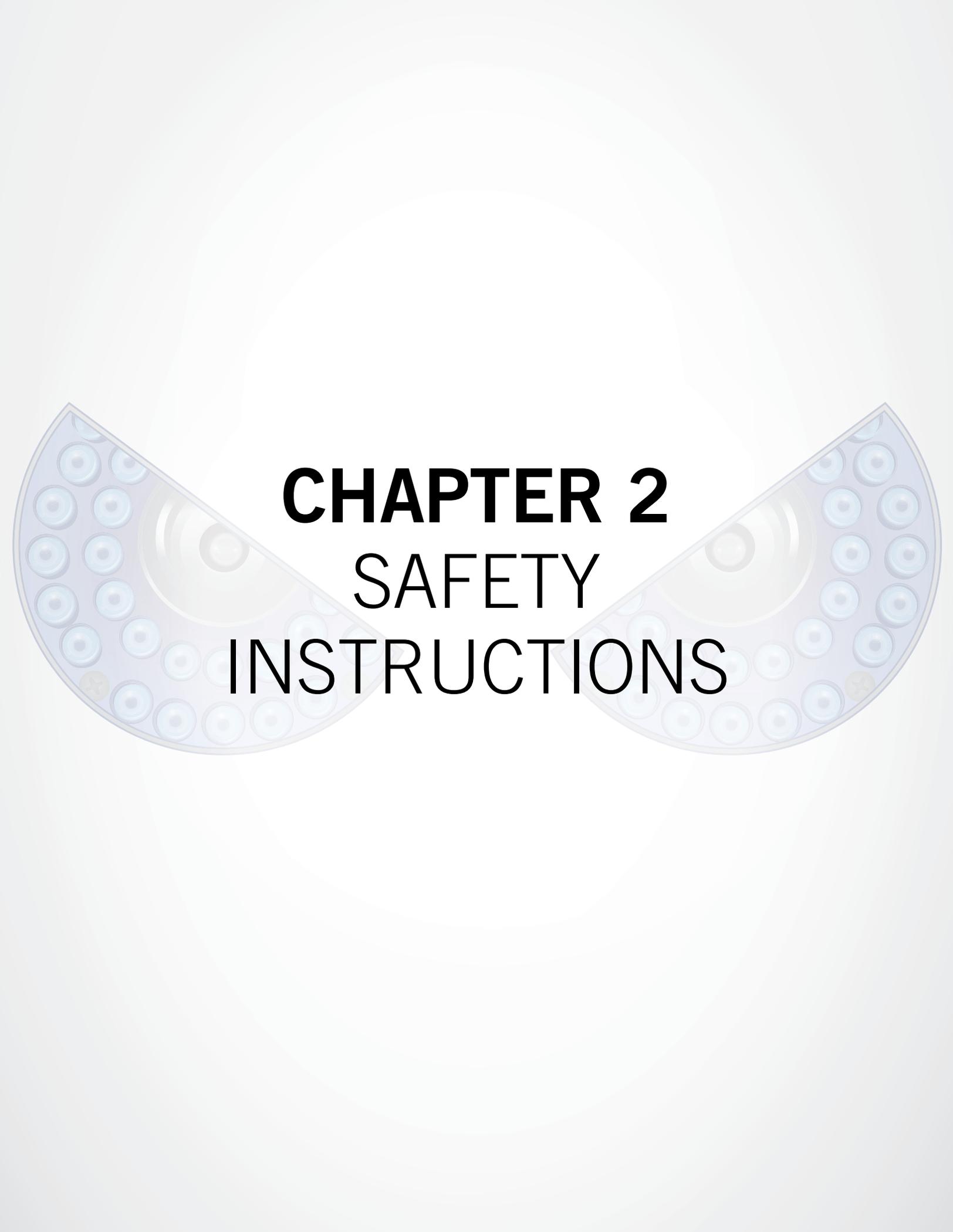
These limits are designed to provide reasonable protection against frequency interference in residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed or used in accordance with the instructions, may cause harmful interference to radio communication. 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

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.

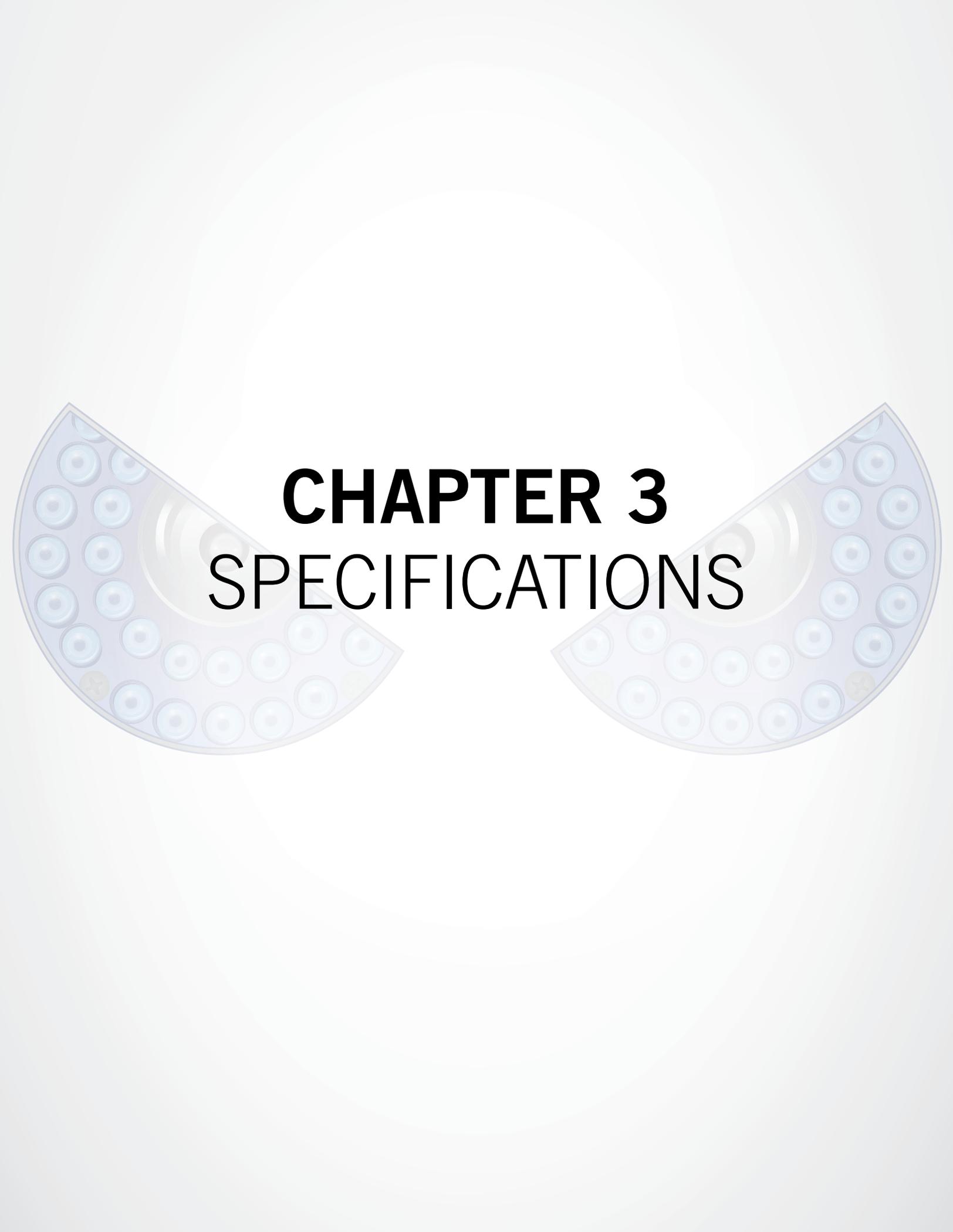
- **IT IS RECOMMENDED TO USE YOUR NVR WITH AN UNINTERRUPTIBLE POWER SUPPLY (UPS).**

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.

CAUTION!



You may be subjected to severe electrical shock if you remove the cover of the NVR.



CHAPTER 3 SPECIFICATIONS

Chapter 3: Specifications

3.1 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 and above
- iOS®: 10 and above

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

3.2 Package Contents

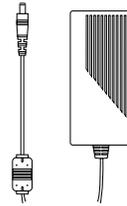
DISCLAIMER: The exact components of your system, images and quantities may vary depending on your model number. While these may vary, this manual will address the setup and initial configuration of your NVR and cameras.



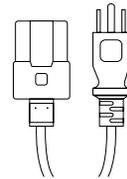
NVR



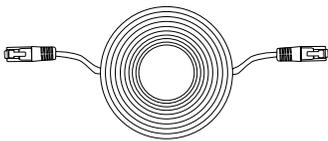
Camera(s)



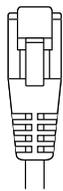
NVR Power Adapter (x1)



NVR Power Cord



100 ft. Ethernet Cable(s)
(1 per camera)

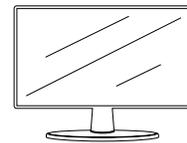


6 ft. RJ-45 Cable
(Ethernet) (x1)

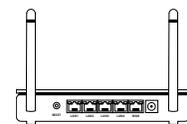


6 ft. HDMI
(x1)

Items Not Included



TV / Monitor



Router

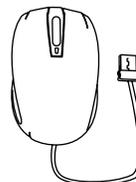
NOTE: Monitor is required for initial setup.



Safety Stickers



Mounting Hardware



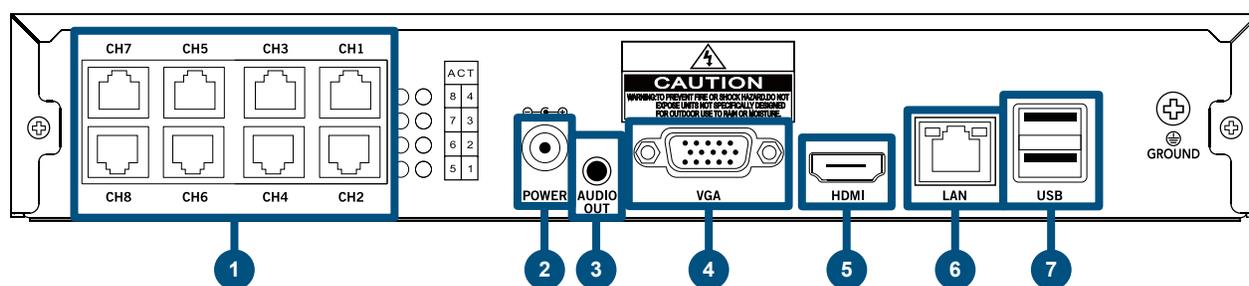
USB Mouse (x1)

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

FRONT VIEW



REAR VIEW

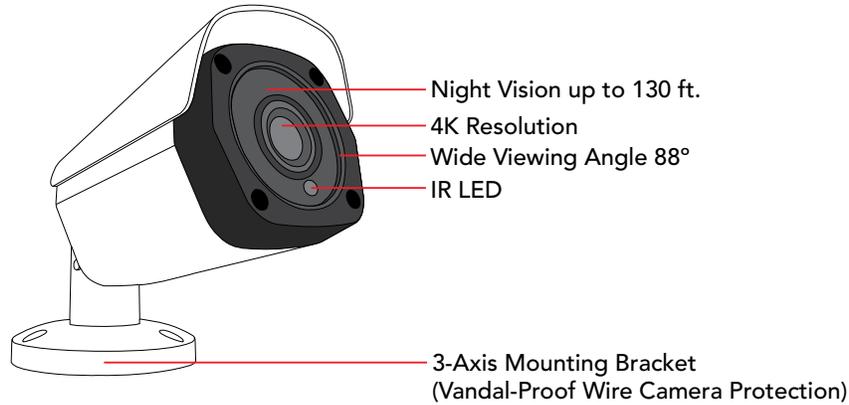


NOTE: The maximum number of cameras you can connect to your NVR will be determined by the number of channels.

- 1 Video Inputs** – Allows for the connection of IP cameras.
- 2 Power Input** – Used to connect the included 12V DC power supply.
- 3 Audio Output** – Allows for the connection of an amplified speaker using a TRS 3.5mm / 1/8 inch commonly known as a phone/headphone jack.
- 4 VGA Output** – Allows for a video connection. If the TV/Monitor does not have an HDMI input but does have a VGA input, connect the VGA cable from the VGA output port on the NVR to the VGA input port on your TV/Monitor. (*VGA cable not included*)
- 5 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.
- 6 RJ-45 (Ethernet) Port** – Used to connect the NVR to your router/modem via the included Ethernet cable.
- 7 USB Ports** – Allow for the connection of a USB mouse and/or a USB flash drive. Connect the included USB mouse to assist you in navigating the NVR's menu interface. You can use a USB flash drive to download video files from the NVR for long term storage or sharing.

3.2.2 Camera Diagram

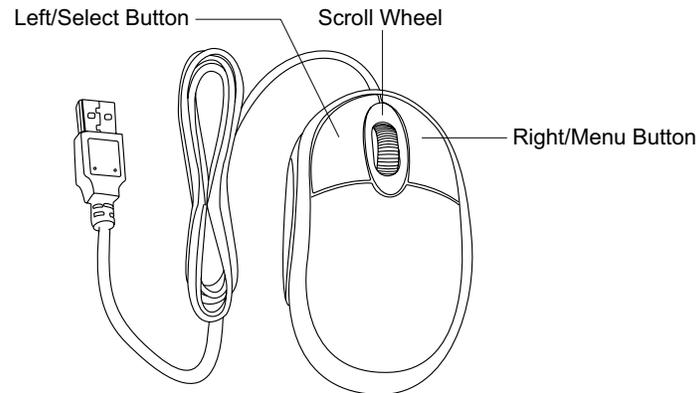
CAMERA



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

3.2.3 Mouse Diagram

MOUSE



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. Right-click to show the control bar at the bottom of the screen. Right-clicking again will hide the control bar.

In Setup:

Left-click to make a selection. Right-click to cancel setup 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

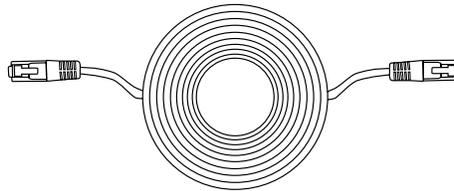
Chapter 4: Camera Installation

4.1 Power

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 an included 100 foot Ethernet cable.

ETHERNET CABLE

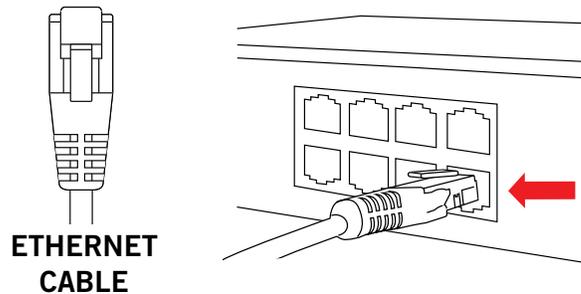


- 2 Insert one end of the Ethernet cable into the camera's power cable.

ETHERNET CABLE CAMERA CABLE



- 3 Insert the other end of the Ethernet cable into an open Ethernet port on the back of the NVR.



- 4 Repeat for each camera, noting the channel number each camera is plugged into.



Make sure all cameras are working prior to mounting by connecting them as described in the section above. Once all cameras are confirmed to be fully operational, you can run the cables and mount the cameras at their final locations.

4.2 Mounting the Cameras



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

- **Camera distance from NVR.**

The further the camera is from the NVR or monitor, the higher the chances of signal degradation. The camera's power supply should be located as near to the camera as possible when the distance exceeds 200 ft. as the power level will drop over extended distances resulting in video degradation.

- **Do NOT place near high voltage wires or other sources of electrical interference.**

Electrical interference will degrade the quality of the signal.

- **Place camera out of reach to avoid vandalism.**

- **Avoid direct exposure to weather.**

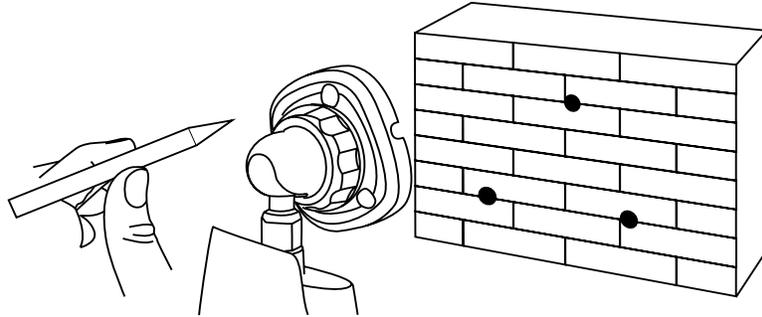
Do not place the camera where rain or snow will hit the lens directly nor should the camera be placed so that the sun or bright light shines directly into the lens. Your camera is weatherproof, but it will not work when submerged in water. Ensure that all power and video connections are not directly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

- **Mounting surface.**

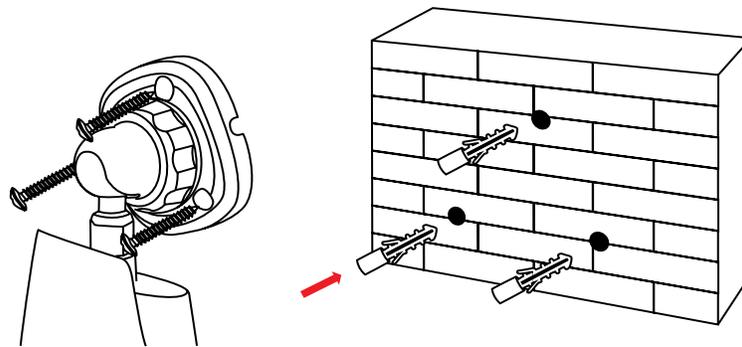
The mounting surface must hold at least four times the camera's total weight.

Follow these instructions to correctly install your cameras.

- 1 Locate a camera and choose a location where you would like to mount the camera.
- 2 Indicate screw positions by marking three holes on the surface where you plan to mount the camera, using the holes in the camera base as a guide.



- 3 Using a drill bit slightly smaller than the included screw anchors, drill into the mounting surface using the guide marks you placed in the previous step.
- 4 Insert the screw anchors.
- 5 Line up the camera base holes with the screw anchors. Holding the base in place, insert screws and tighten until secure.



- 6 Once the base is screwed in place, make sure that the camera is securely mounted by placing gentle pressure on the mount.
- 7 Adjust the camera housing to point in the direction of the area you would like to monitor.



CHAPTER 5
NVR
INSTALLATION

Chapter 5: NVR Installation

5.1 Connecting Your NVR

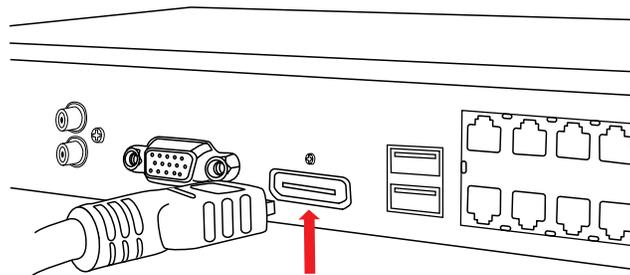
- 1 Locate the included HDMI cable.

HDMI



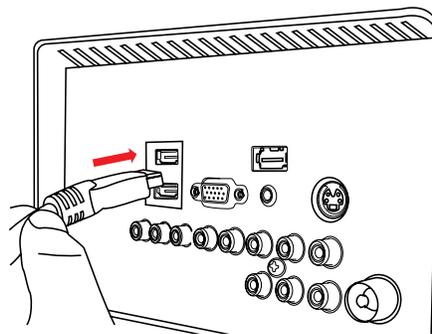
- 2 Plug one end of the cable into the HDMI port on the back of the NVR.

NVR



- 3 Connect the other end of the cable to an available HDMI input on your TV or monitor.

TV / MONITOR

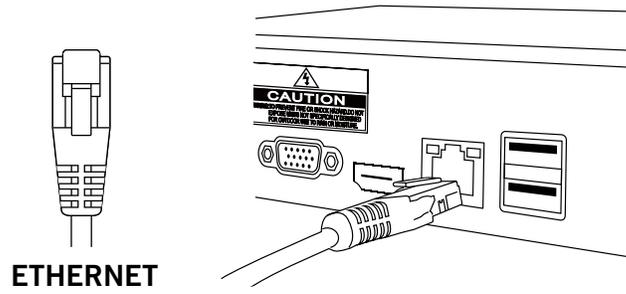


- 4 Select the appropriate video input channel on your TV or monitor to view the NVR.

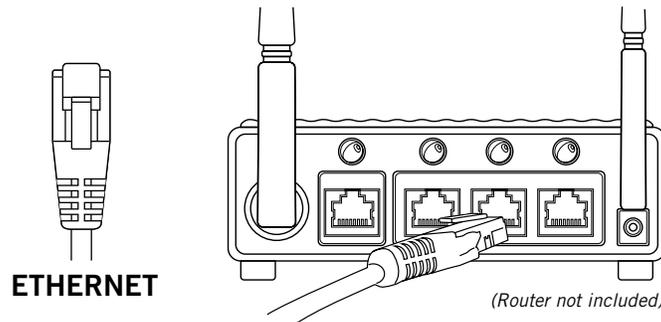


If your TV/Monitor does not have an HDMI port, you will need to purchase a VGA video cable. For VGA connection, attach one end of the VGA cable to the NVR VGA port and the other end to your TV VGA port.

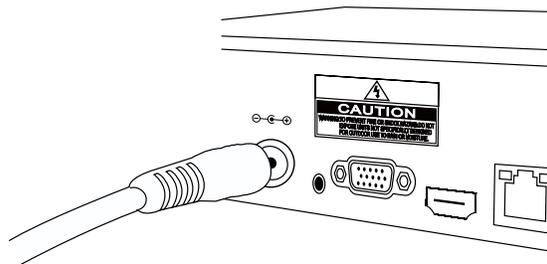
- 4 Select the appropriate video input channel on your TV or monitor to view the NVR.
- 5 Plug one end of the included 6 ft. Ethernet cable into the LAN port on the back of the NVR.



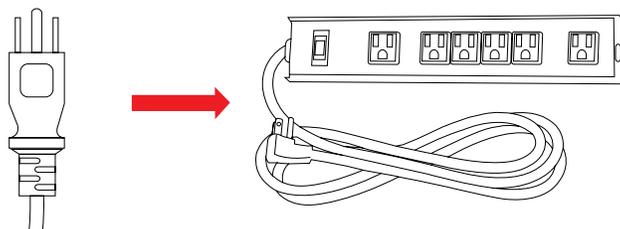
- 6 Plug the other end of the Ethernet cable into a port on the back of your router.



- 7 The Camera and NVR power adapters will be appropriately labeled. Ensure you are using the correct power adapter when setting up your system.
- 8 Connect the NVR power adapter to the Power Input on the rear of the NVR.



- 9 Plug the other end of the power adapter cable into a wall outlet. If you are using an uninterruptible power supply (UPS), plug the power adapter into one of its output sockets. Keep in mind, Night Owl always recommends utilizing a surge protector to minimize the risk of damage caused to your NVR in the event of a power surge.



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



CHAPTER 6

GETTING STARTED

Chapter 6: Getting Started

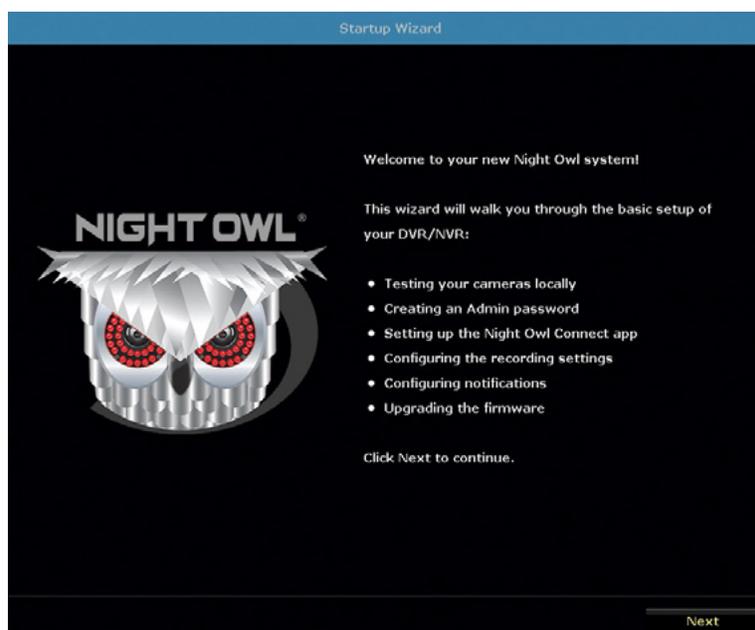
6.1 Startup Wizard

When the NVR is powered on it displays the Night Owl logo while initializing.



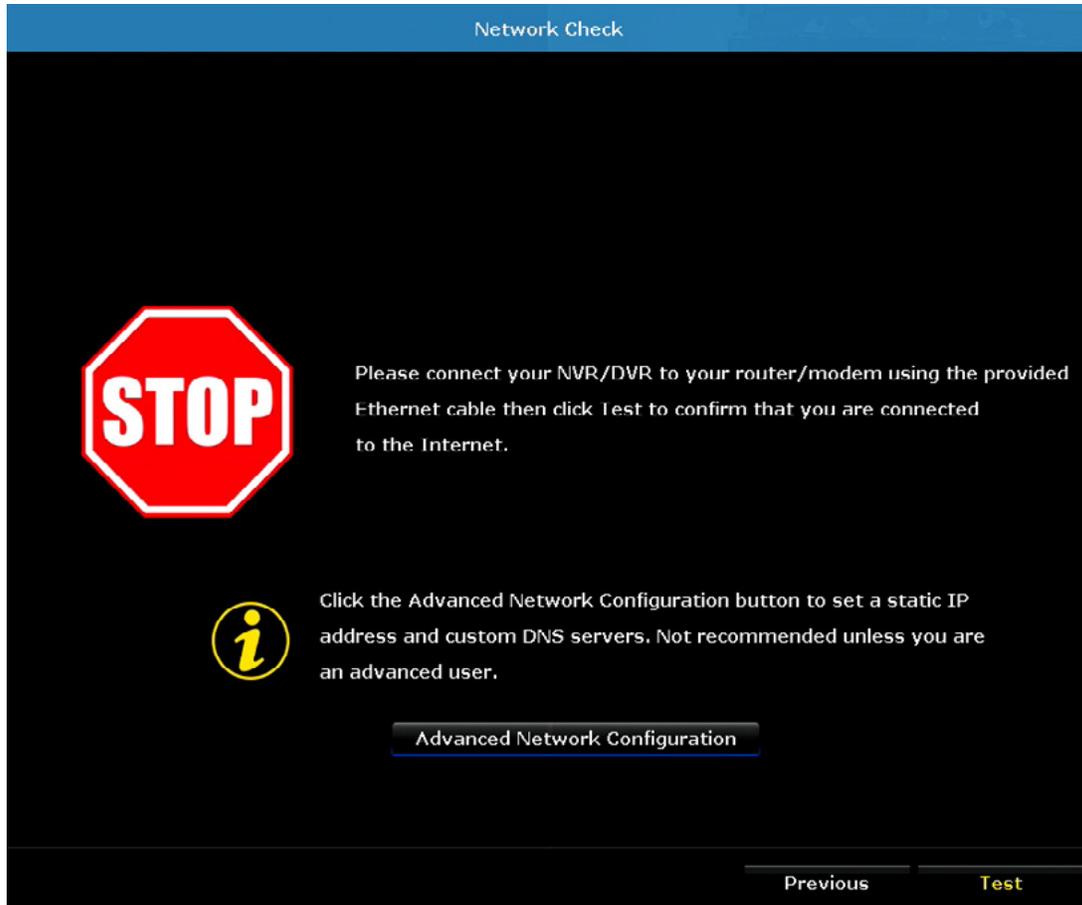
After initialization, you are prompted to use the Startup Wizard. Follow the on-screen instructions to:

- Complete the basic setup of your NVR.
- Upgrade the firmware.
- Set up the Night Owl Connect App.
- Configure notifications.
- Test your cameras locally.
- Create an Admin password.
- Configure the recording settings.

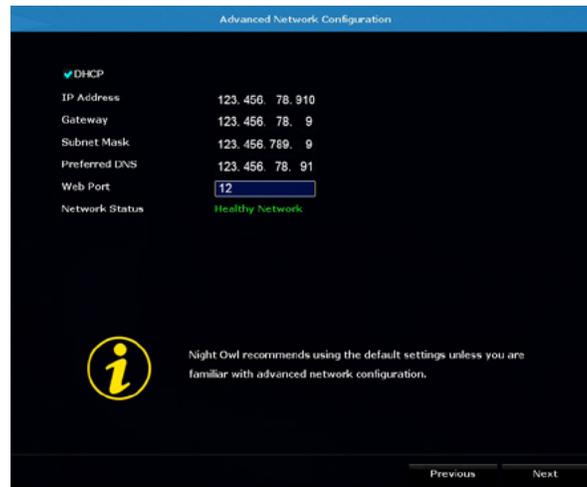


6.1.1 Network Check

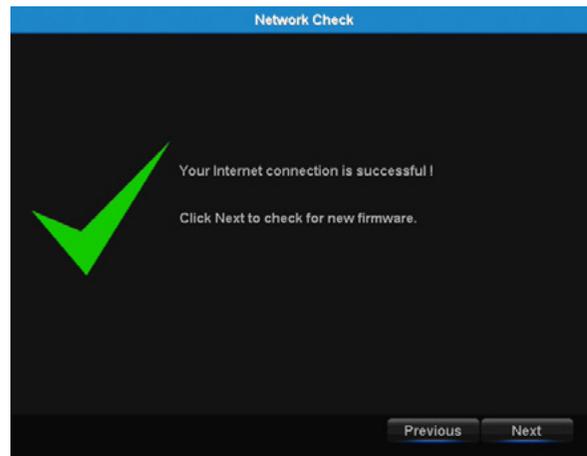
The Network Check screen of the Startup Wizard displays instructions for how to connect your NVR to the Internet. You need the included Ethernet cable to establish a connection. The NVR will not wirelessly connect to your router/modem.



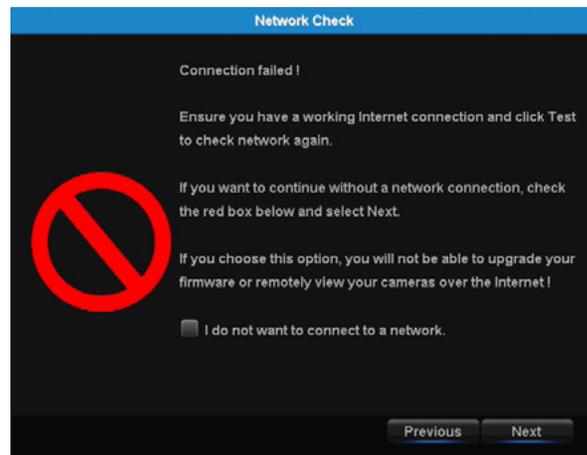
Once you have made the required connection using the Ethernet cable, click “Test” within the Startup Wizard to confirm Internet connection.



The Advanced Network Configuration tab is recommended only for advanced users.



Once an Internet connection is established, the Startup Wizard displays the successful connection screen.



If your NVR is not able to establish Internet connectivity, a connection failed screen appears. Follow the instructions on this screen to re-test the network. If you wish to proceed with the NVR setup without a network connection, you may do so by clicking the box marked, “I do not want to connect to a network.”

NOTE: Without an Internet connection, you will not have easy access to firmware updates or be able to remotely view your system on a PC/Mac® or smart device.

6.1.2 Password Creation

The Password Creation screen of the Startup Wizard requires you to create an admin password for your NVR system. Night Owl strongly suggests that you write down your admin password in 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.

This screen also requires you to set a recovery email address in the event that your admin password is forgotten.

Password Creation

Admin Password

New Admin Password

New Password

Confirm

Recovery Email yourname@nightowlsp.com

 Please input your Admin Password to continue with the Startup Wizard.

Forget Password Previous Next

NOTE: You will not be able to complete the Startup Wizard unless a recovery email address is established. To change your recovery email address, you **MUST** rerun the Startup Wizard.

Click on the text box to open the on-screen keyboard. Use this keyboard to create your admin password and to enter your recovery email address.

Password Creation

Admin Password

New Admin Password

New Password

Confirm

Recovery Email

 Please input your Admin Password to continue with the Startup Wizard.

Forget Password Previous Next

If you forget the admin password, click the “Forget Password” button in the Startup Wizard.

Password Creation

Admin Password

New Admin Password

New Password

Confirm

Recovery Email youname@nightowlsp.com

 Please input your Admin Password to continue with the Startup Wizard.

Forget Password Previous Next

A Secure Code will be sent to your recovery email address. Restart the NVR and use the Secure Code to create a new password.

Reset Password

An email with a secure code was sent to youname@nightowlsp.com
After input the secure code.
Your DVR will be restarted and you have to create a new password.

Secure Code

OK Cancel

6.1.3 Date and 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, check the Enable box next to Sync Time, then click Sync Now.

The screenshot shows the 'Date and Time Setup' interface. It includes the following elements:

- Time Zone:** -05:00
- Date Format:** MM/DD/YYYY
- System Date:** 04/20/2017
- System Time:** 09:34:15
- Sync Time:** Enable
- Time Format:** 12h
- Daylight Savings Time (DST):** Setup
- Buttons:** Apply, Advance, Sync Now, Setup
- Message:** Set the current date and time or use Network Time Protocol (NTP) to auto-configure. You must be connected to the Internet to use NTP.
- Navigation:** Previous, Next

NOTE: In order to use Network Time Protocol (NTP), your NVR must be connected to the Internet. Selecting Sync Now will temporarily stop recording while syncing NTP.

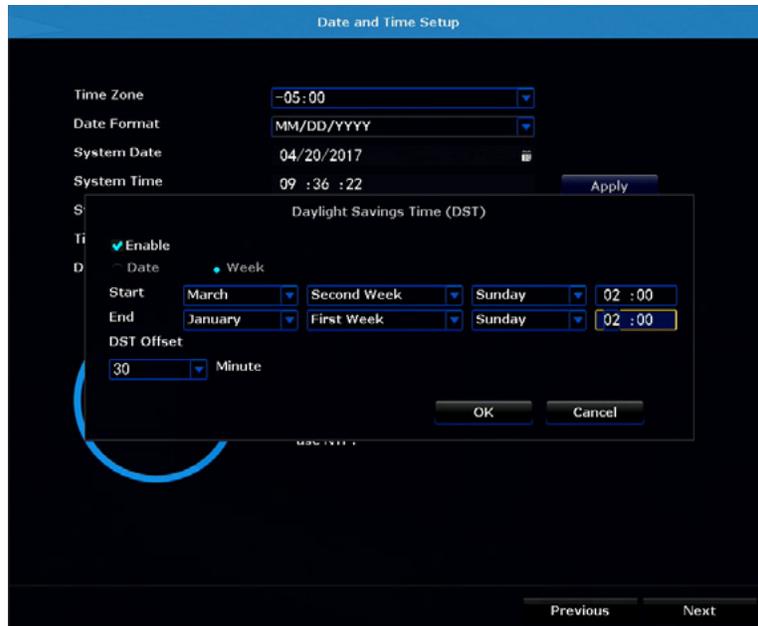
By clicking the “Advance” tab on the Sync Time line, you can edit the Sync Time Server as well as schedule Auto Sync Time to prompt your NVR to automatically sync NTP.

The screenshot shows the 'Date and Time Setup' interface with the 'Sync Time' dialog box open. The dialog box includes the following elements:

- Sync Time Server:** time.nist.gov
- Preference Host:**
- Auto Sync Time:** Everyday
- Schedule:** Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday
- Buttons:** OK, Cancel

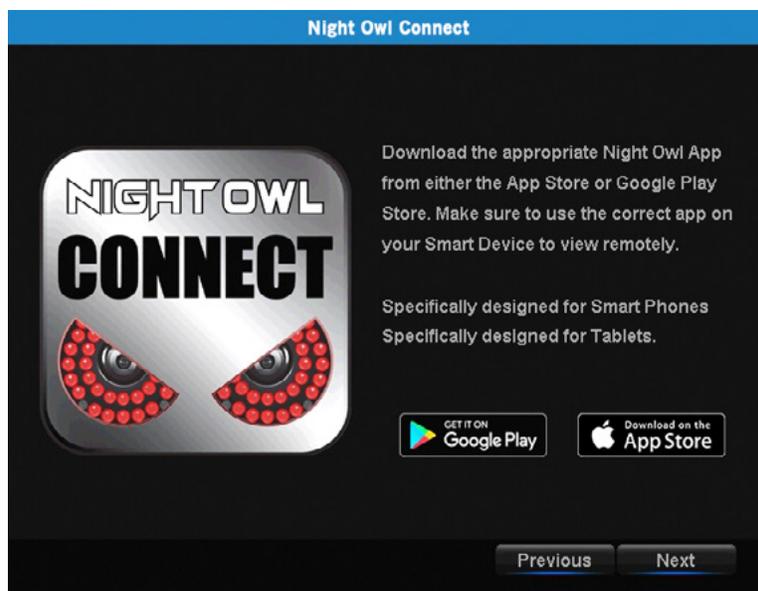
A blue circle highlights the 'Advance' tab on the Sync Time line in the background interface.

By selecting “Setup”, next to Daylight Savings Time (DST), you can adjust how your NVR responds to DST.



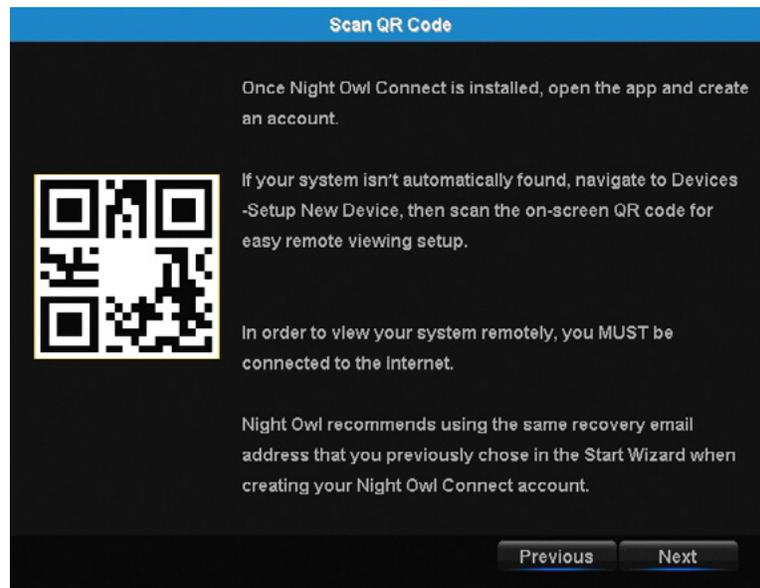
6.1.4 Night Owl Connect App

The Startup Wizard gives information on where to find the Night Owl Connect App and how it's used to view your NVR recordings and live stream remotely.



Once you have installed the Night Owl Connect App on your Smart Device and created an account, you can scan the QR code in the Startup Wizard to configure your NVR with the Night Owl Connect App!

When creating your Night Owl Connect account, it is recommended to use the recovery email address entered into the Startup Wizard.



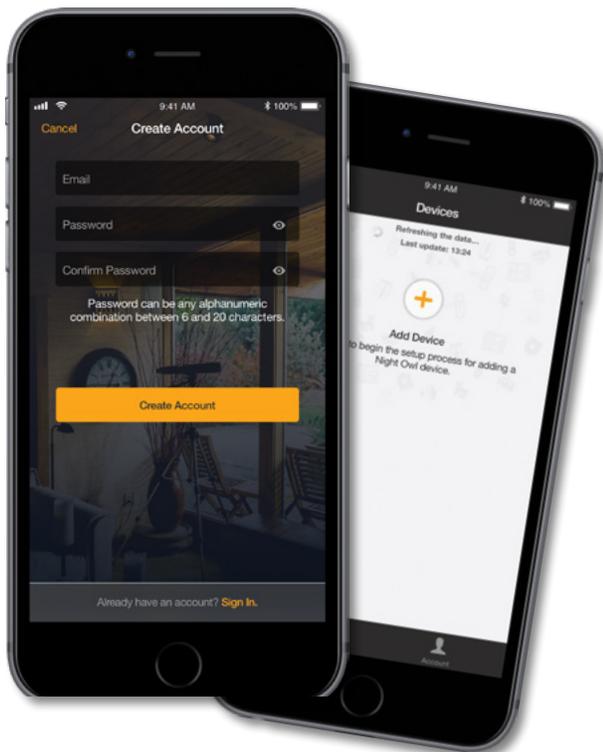
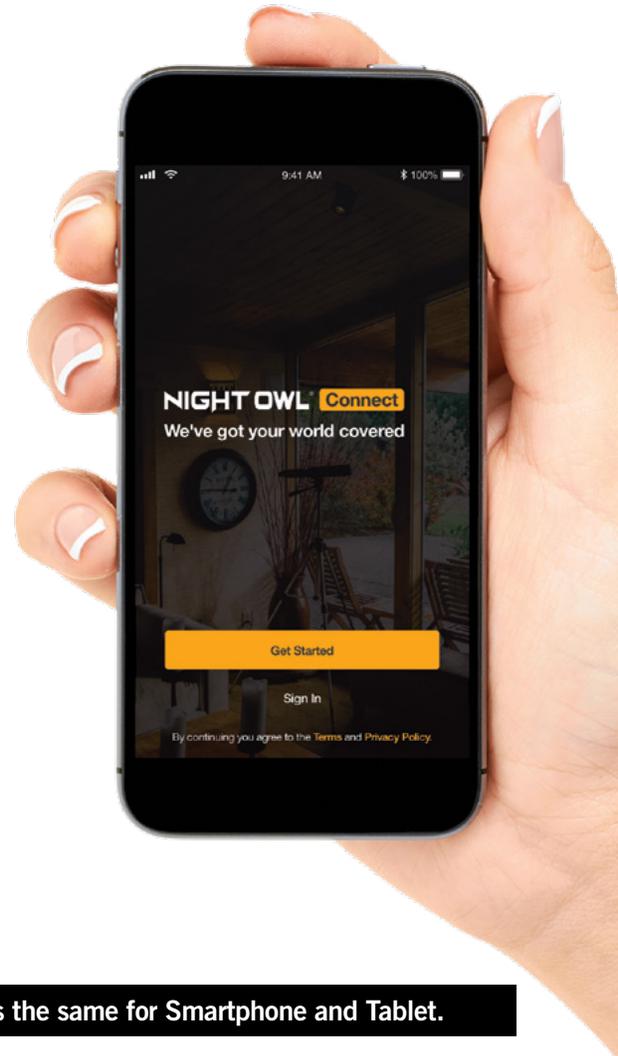
NOTE: To view the system remotely, the NVR must be connected to the Internet.

Please follow the next steps for creating and using your Night Owl Connect account.

6.1.4 (a) Using Night Owl Connect

Download and Install Application

- 1 Download the appropriate 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 for the username and a password between 6–20 characters.
- 3 After completing the account setup and verification process, sign into the App and tap the “+” symbol to add a device.

The Night Owl Application leads you through the rest of the setup process.

Connecting and Adding your Device

NOTE: When adding a new device, it may take 5–10 minutes before you begin receiving notifications.

A device can be added to the Night Owl Connect App by using the application's **Smart Auto Detection** or through a **QR Code Setup**. With Smart Auto Detection, your NVR will automatically be detected by the Night Owl Connect software, making connecting easy! To use this preferred method, ensure your Smart Device and NVR are both on the same network.

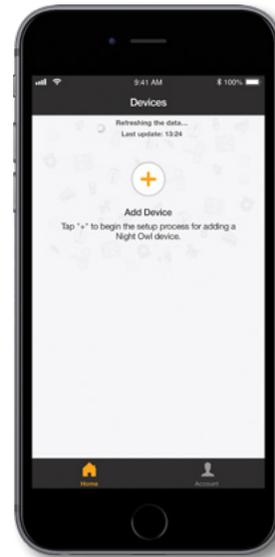


4 Adding a Device

To begin adding a new device, first select the yellow plus sign within the Device menu. Then select your device type from the Device list and follow the on screen instructions.

4A Smart Auto Detection

If your NVR and Smart Device are running Night Owl Connect on the same network, the Smart Auto Detection will find your NVR. If this method is not available, please use the QR Code Setup from step 4B below.



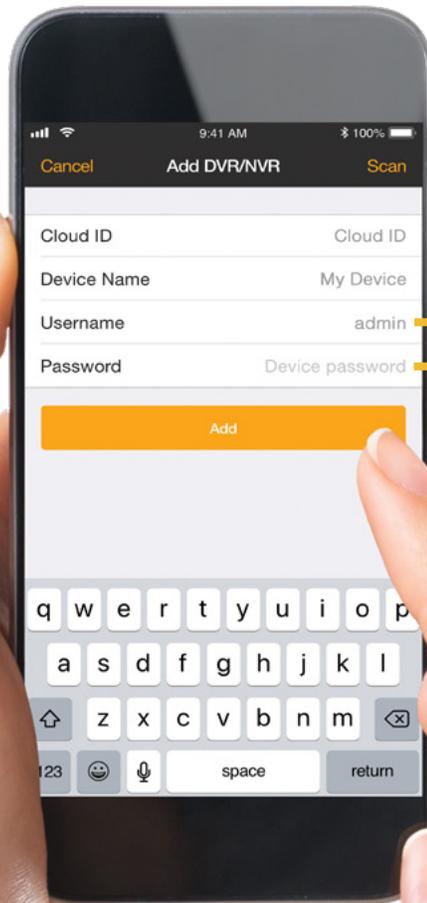
4B QR Code Setup

To use the QR Code Setup, select "Setup Device by QR Code" and hover your Smart Device camera lens over the QR Code located on the top of your NVR.



Log into your App

- 5 On the Device Login screen, enter the login information for the NVR (Remember, the NVR login and Night Owl Connect App login are different). The NVR username is **admin** by default. If you are not the **admin**, login with your username credentials.

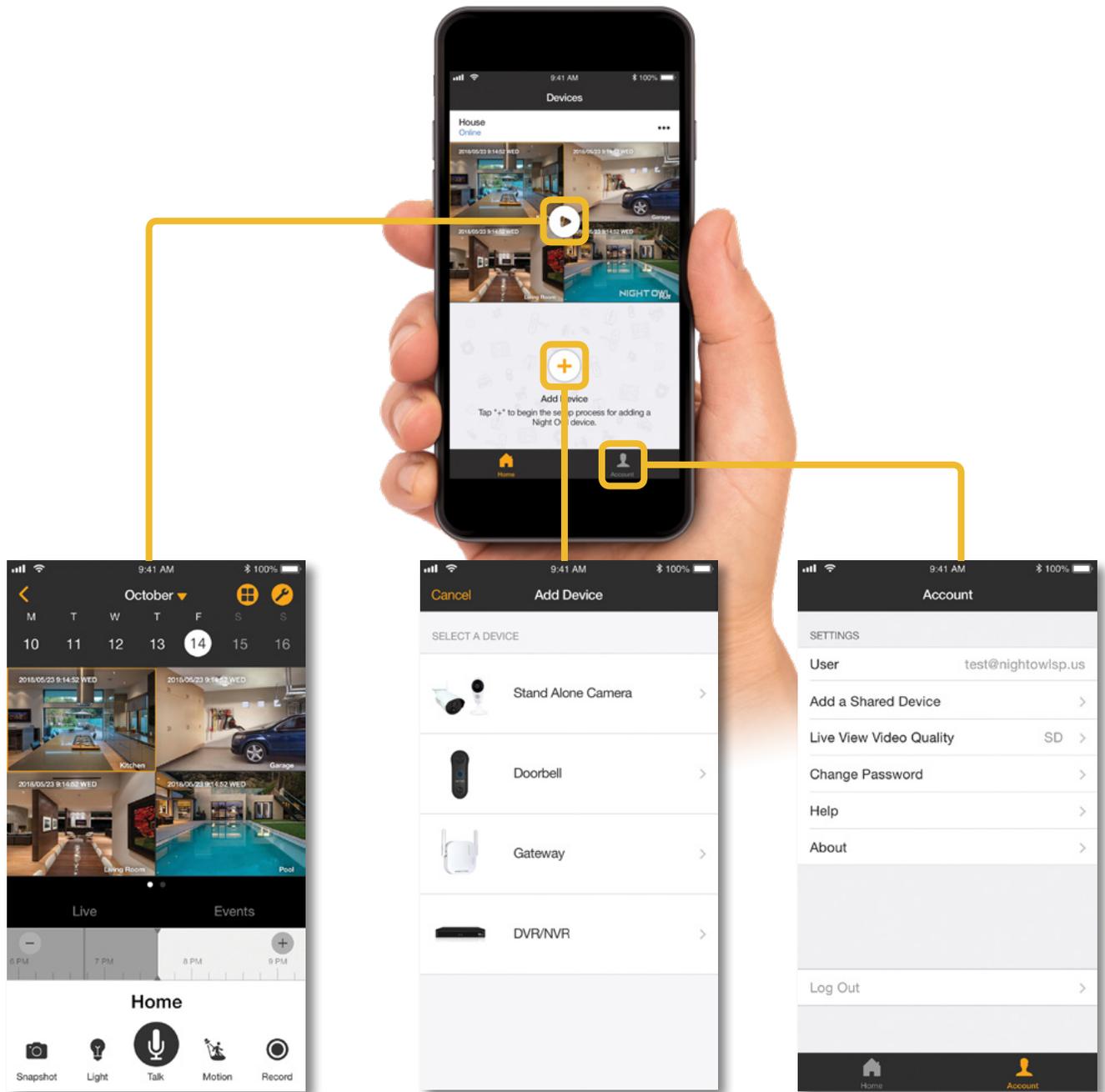


admin is case sensitive
(all lowercase).

The password will be the same password you created during the Startup Wizard and should be stored in your Quick Setup Guide. You must key the NVR password verbatim to add it to the App.

NOTE: This is the password of your NVR, **NOT** the password used to log into the Night Owl Connect App.

6.1.4 (b) App Overview



Live View
Displays real-time
footage of your system.



Add Device
Add compatible devices
to the App.



Account
Manage account settings,
add a shared device,
and change password.

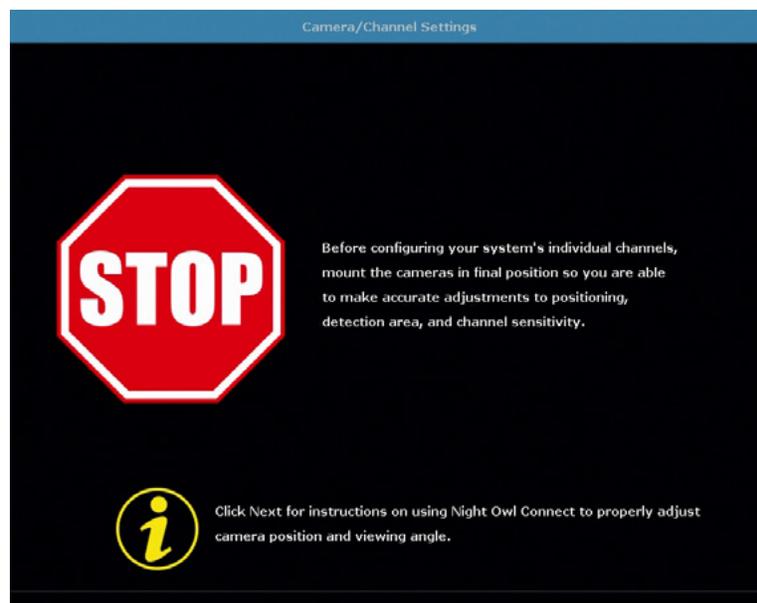
6.1.5 Password Verification

The Password Verification screen of the Startup Wizard will display your Admin password. Night Owl strongly recommends storing your password in the NVR's Quick Setup Guide.



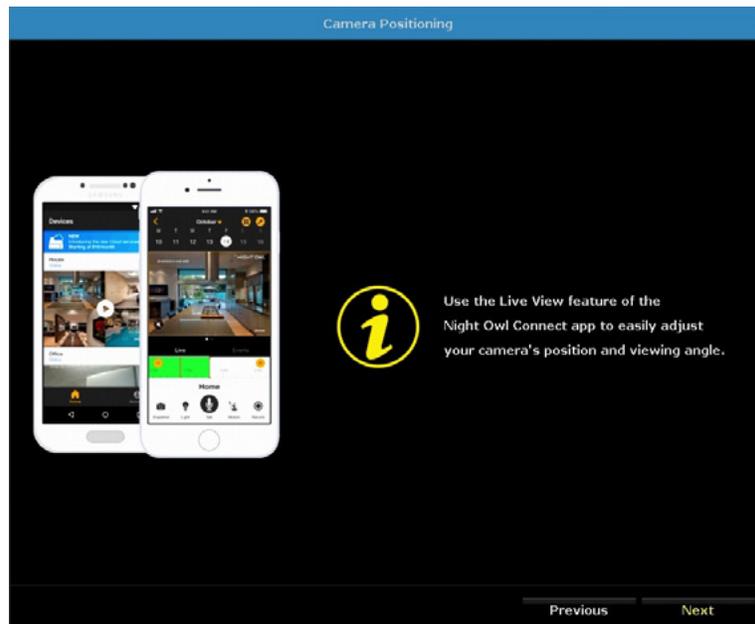
6.1.6 Camera/Channel Settings

The Camera/Channel Settings screen of the Startup Wizard serves as a reminder to mount your system's cameras in their final position so you can make accurate adjustments to positioning, detection area and channel sensitivity.



6.1.7 Camera Positioning

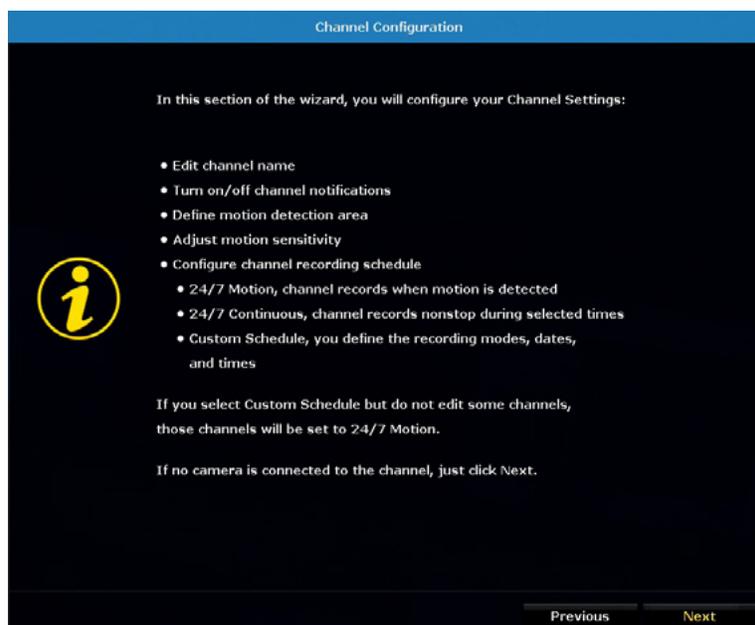
The Camera Positioning screen of the Startup Wizard shows how you can use the Live View feature of the Night Owl Connect App to easily adjust your camera's position and viewing angle.

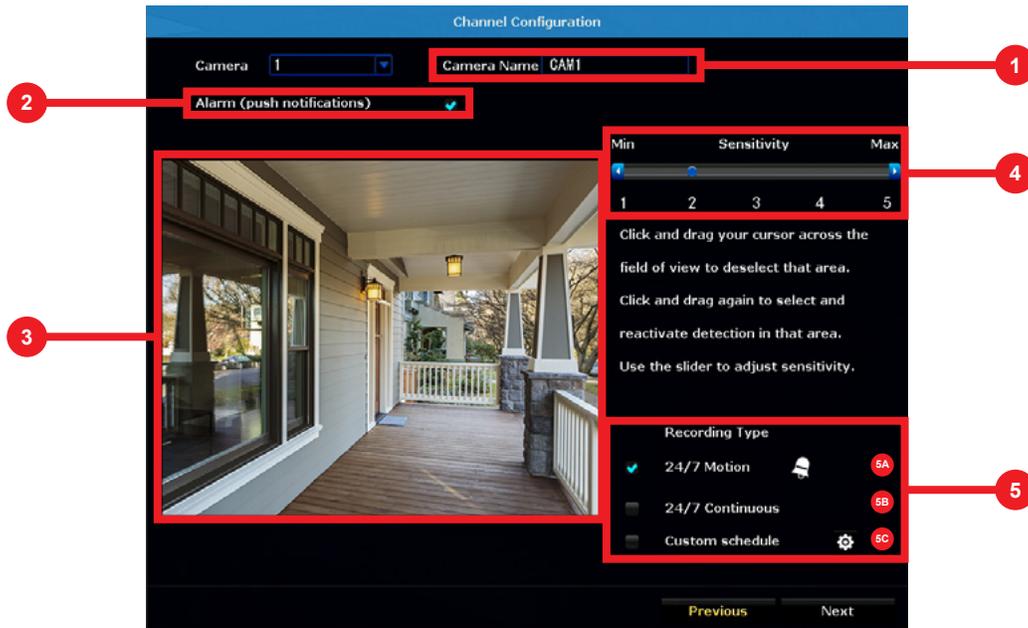


NOTE: The “Live View” feature in the Night Owl Connect App allows you to gauge the position and viewing angle of your cameras before mounting. You still have to physically adjust the cameras.

6.1.8 Channel Configuration

The Channel Configuration screen of the Startup Wizard explains in detail how to configure your channel settings. Please read this screen thoroughly as the following screen allows you to configure each Channel Setting.





The second Channel Configuration screen of the Startup Wizard allows you to configure the following channel settings:

- 1 Edit channel name.
- 2 Turn on/off alarm (push notifications).
- 3 Define motion detection area.
- 4 Adjust motion sensitivity.
- 5 Configure channel recording schedule:
 - 5A **24/7 Motion** – Channel records when motion is detected.
 - 5B **24/7 Continuous** – Channel records non-stop during selected times.
 - 5C **Custom Schedule** – You define the recording modes, dates and times.

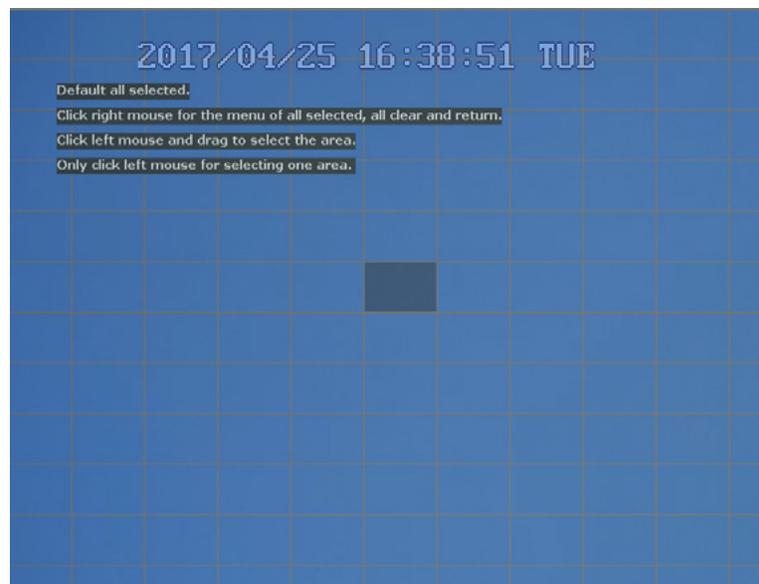
NOTE: If you select Custom Schedule, but do not edit some channels, those channels will be set to 24/7 Motion.

Click “Next” if there isn’t a camera connected to the channel.

The Custom Record Schedule Menu allows the user to set each individual camera to record *Continuously* or by *Motion*. Select the type of recording you would like to activate. Click and drag your cursor over the table to fill the desired date and time blocks. Click and drag over active blocks to deselect. By default, all channels are set to *24/7 Motion*.

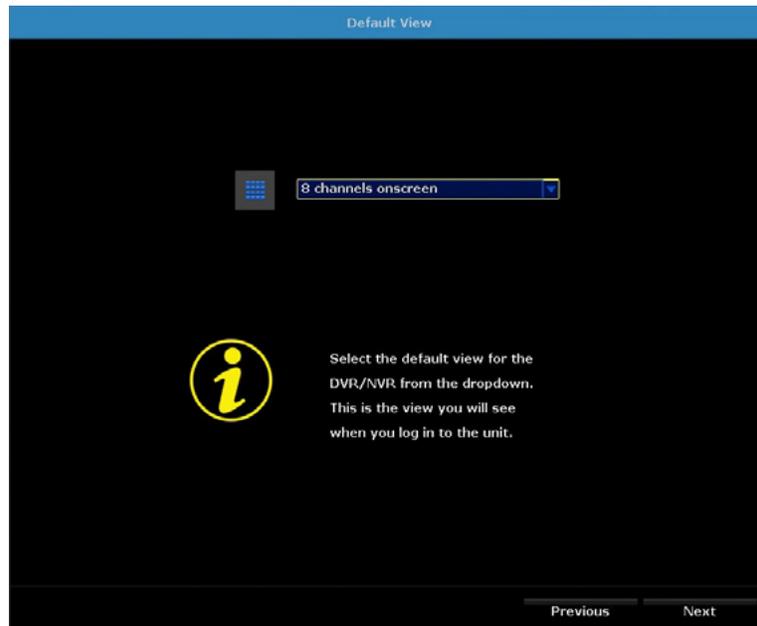


This next section of the Startup Wizard is for setting the motion detection area of your camera. To set a privacy mask, deselect the desired area. To deselect an area, use your mouse to click on individual boxes. If you wish to deselect the entire area, right click your mouse and choose Clear all. You may then proceed to click and drag the area you want selected. To exit, right click your mouse and choose Return.

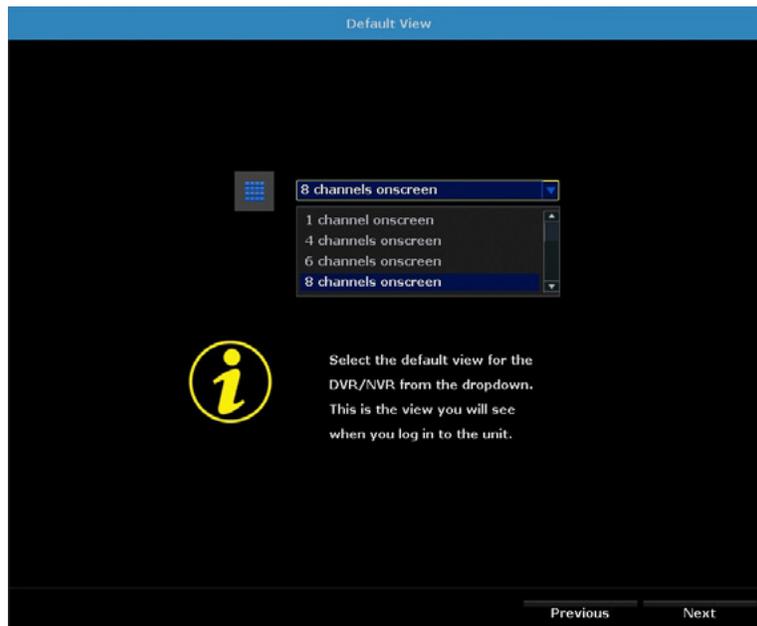


6.1.9 Default View

The Default View screen of the Startup Wizard allows you to select the default view of the monitor connected to your NVR.



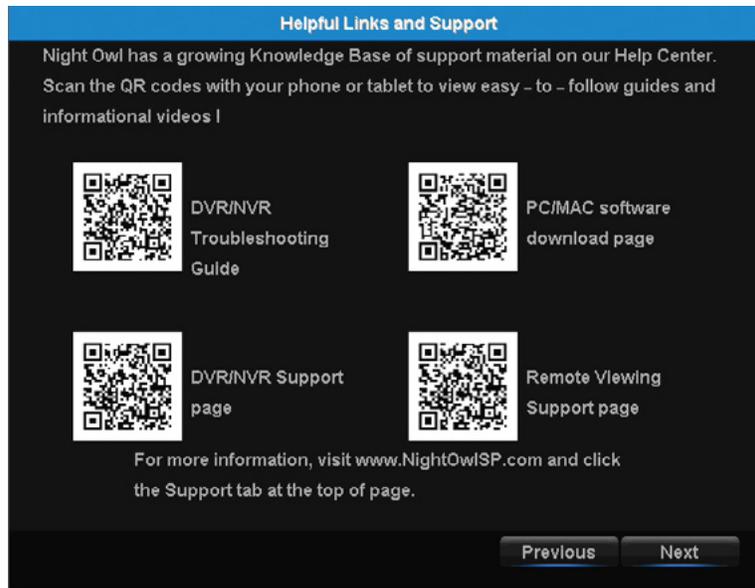
Depending on your NVR's channel limit, you may select several viewing options from the drop-down menu:



- **View:** 1 channel onscreen
- **View:** 4 channels onscreen
- **View:** 6 channels onscreen
- **View:** 8 channels onscreen

6.1.10 Helpful Links

NOTE: Please scan these QR Codes directly from your TV/Monitor, NOT from this page.



The Helpful Links and Support screen of the Startup Wizard contains QR Codes linked to:

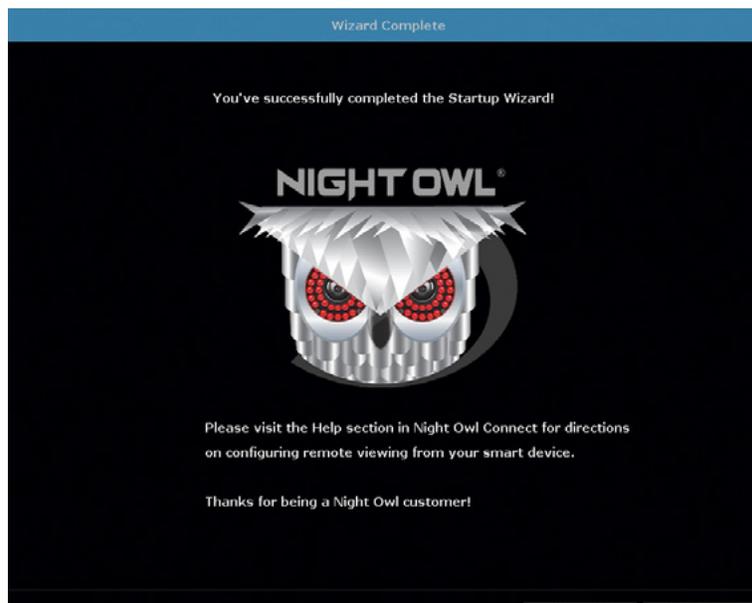
- NVR Troubleshooting Guide
- PC/MAC® software download page
- NVR Support page
- Remote Viewing Support page

For more information, visit www.NightOwlISP.com and click the Support tab at the top of the page.

6.1.11 Wizard Complete

Once you have successfully completed the Startup Wizard, click “Finish” to begin using your Night Owl NVR.

NOTE: The system checks for new firmware and if no updates are found, the Live View displays on your TV/Monitor.

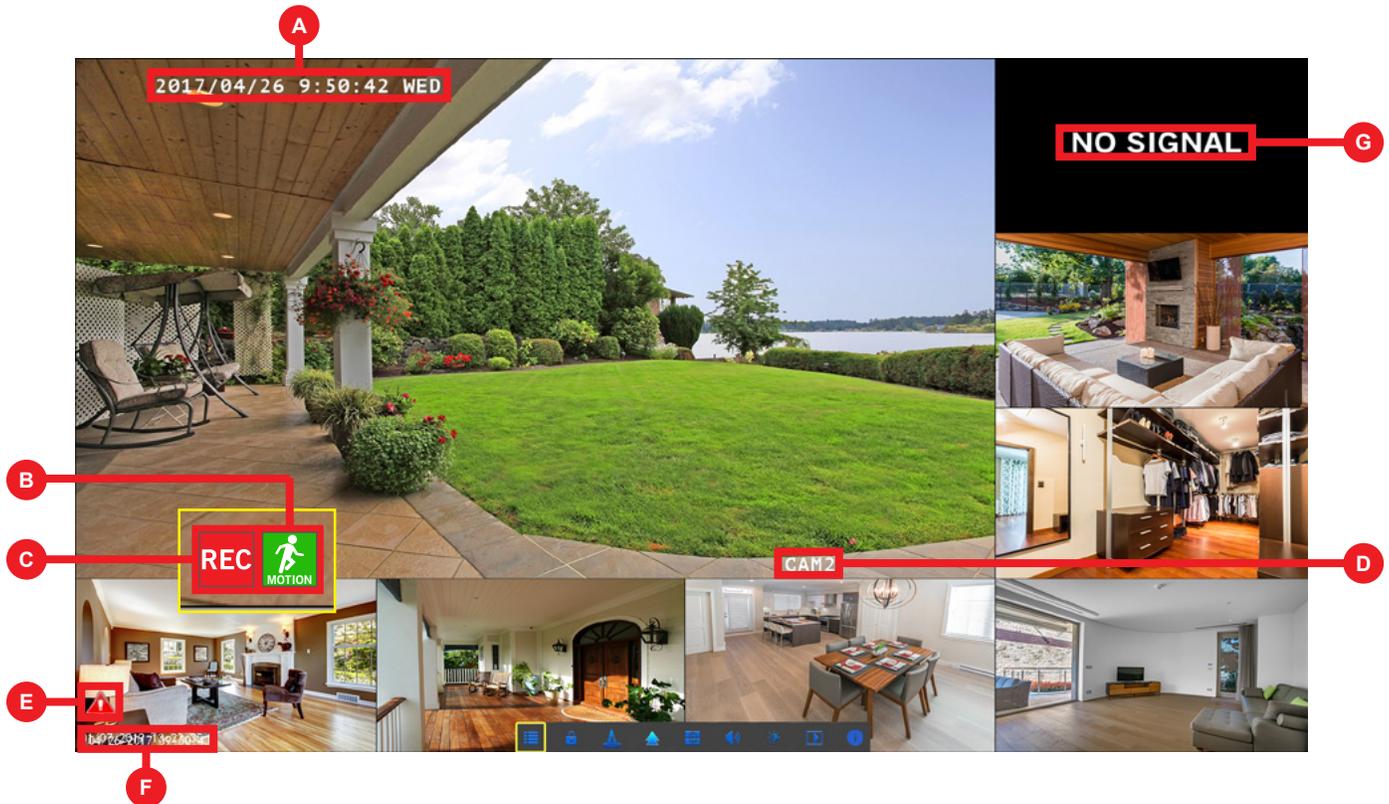


6.2 Live View (Login and Icons)

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

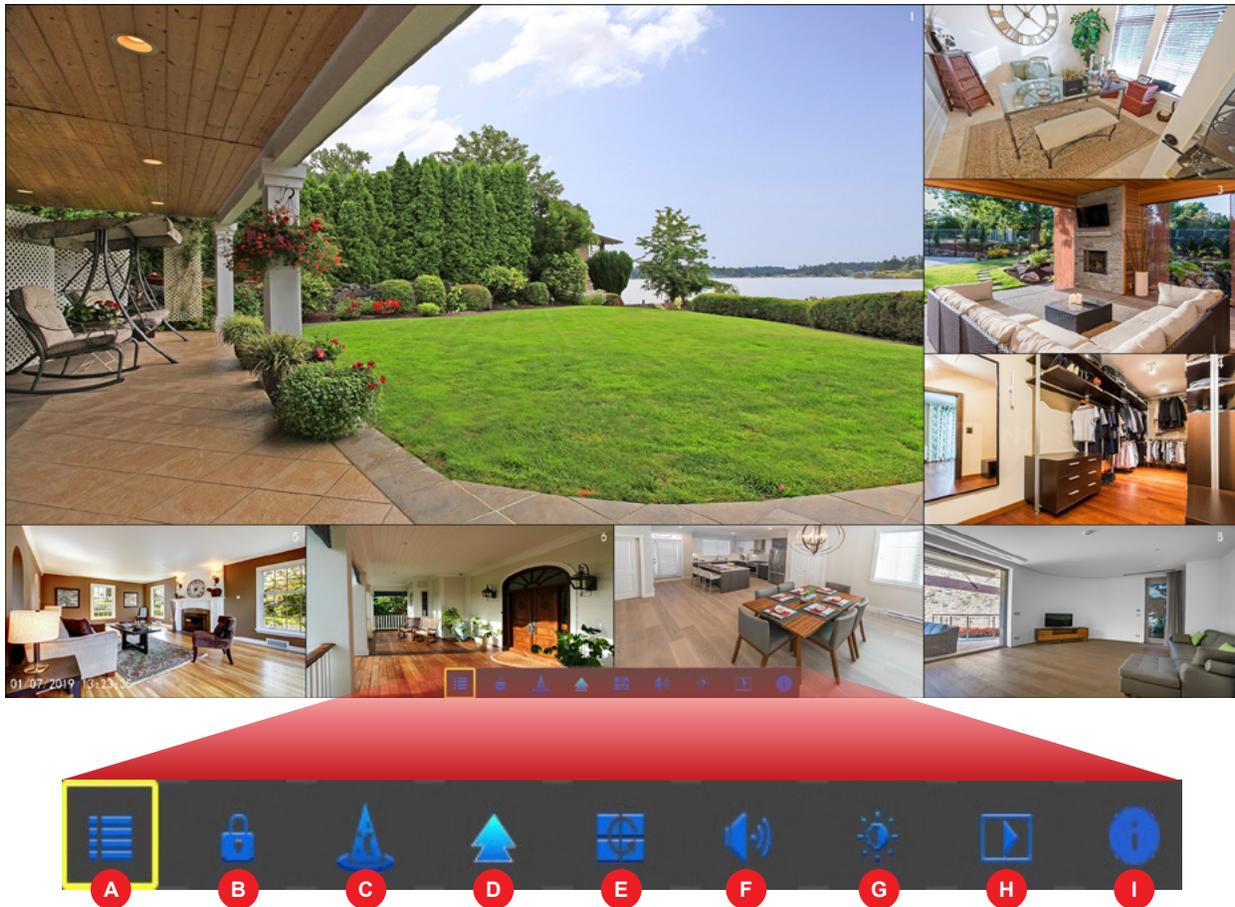
6.2.1 Live View (All Channels)

After you have completed the Startup 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.



- A Date and Time OSD:** Displays the date and time of your camera.
- B Motion Detection Icon:** Indicates that an alarm event such as motion detection, video loss or tampering has occurred.
- C NVR status Recording Icon:** Indicates that the NVR is currently recording video from that camera. This icon will be the same whether the recording is scheduled, initiated manually or triggered by motion.
- D Camera Name OSD:** Shows the camera name.
- E System Exception Icon:** Indicates that an alarm event or exception has occurred. Click the icon to access the Alarm/Exception Information log where you can find specific details about the event.
- F Date and Time:** Shows the date and time of your NVR.
- G No Signal:** Shows empty channels without a camera connected.

6.2.2 Right-Click Menu



- A Menu:** Opens the Main Menu.
- B Lock:** Locks the system (log out), making it necessary to enter the password to access any NVR menus.
- C Startup Wizard:** Launches the Startup Wizard.
- D Multi-Camera View:** Select a multi-screen viewing option, where you'll be able to see multiple video feeds at once.
- E Slide Show:** Turns on sequence mode to automatically rotate channel views at specific intervals (also known as Dwell Time).
- F Audio:** Controls live audio volume.
- G Image Settings:** Allows you to adjust certain image settings.
- H Video Playback:** Opens the Video Playback menu.
- I Device Information:** Opens the Device Info menu.

6.2.3 Login/Forgot Password

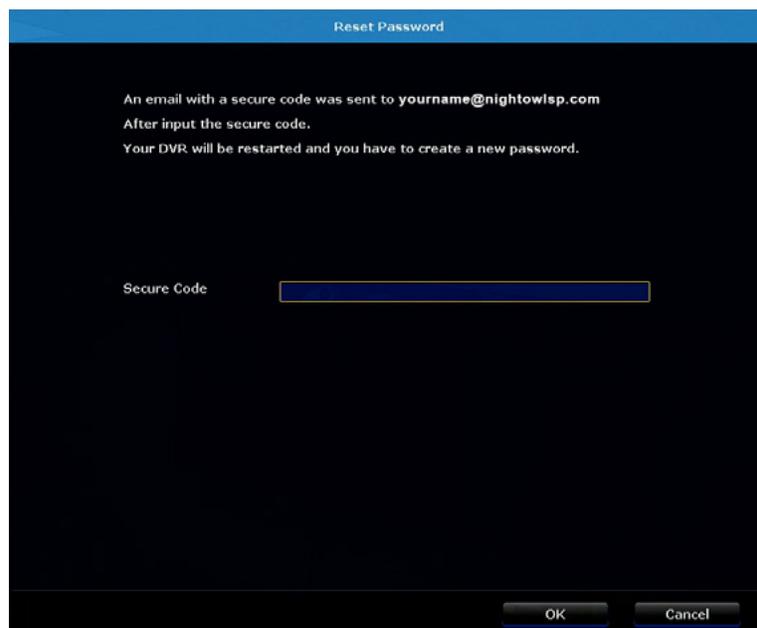
Anytime you want to configure or adjust your system settings you are required to log in by entering your username and password. It's important to save your login information or you won't be able to access your NVR. We strongly recommend that you store your password in the QSG.



The screenshot shows a dark-themed dialog box titled "Login System". It contains two input fields: "Username" with the text "admin" entered, and "Password" which is empty. Below the input fields are three buttons: "Forgot Password", "OK", and "Cancel".

- **Username:** Admin (all lowercase) is the default username.
- **Password:** Enter the password you created during the Startup Wizard.
- **Forgot Password:** Sends a secure code to your recovery email address. Once you input the secure code, your NVR will restart and you will be required to create a new password.

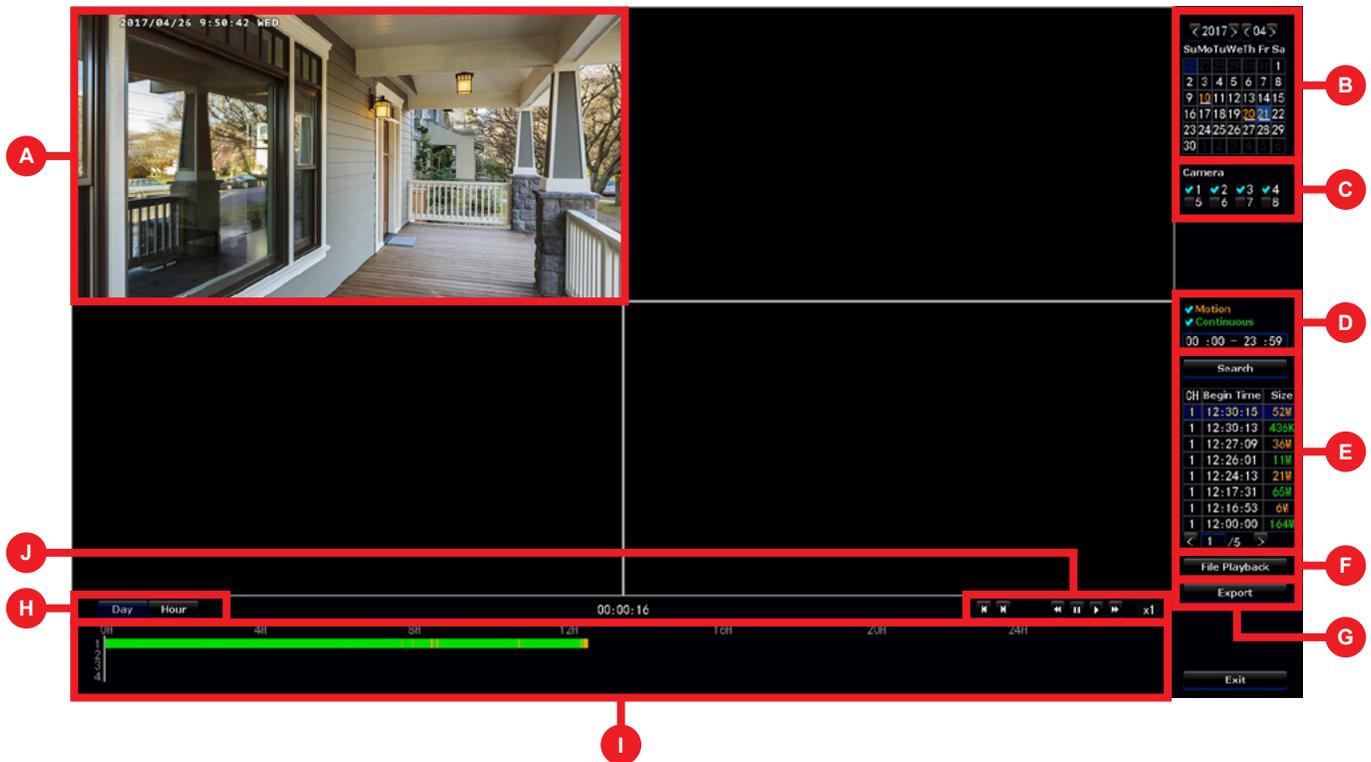
If you select "Forgot Password", you will be directed to this screen. Simply enter the secure code that was emailed to your recovery email address and then select "OK". Your NVR will then be restarted and you will be required to create a new password.



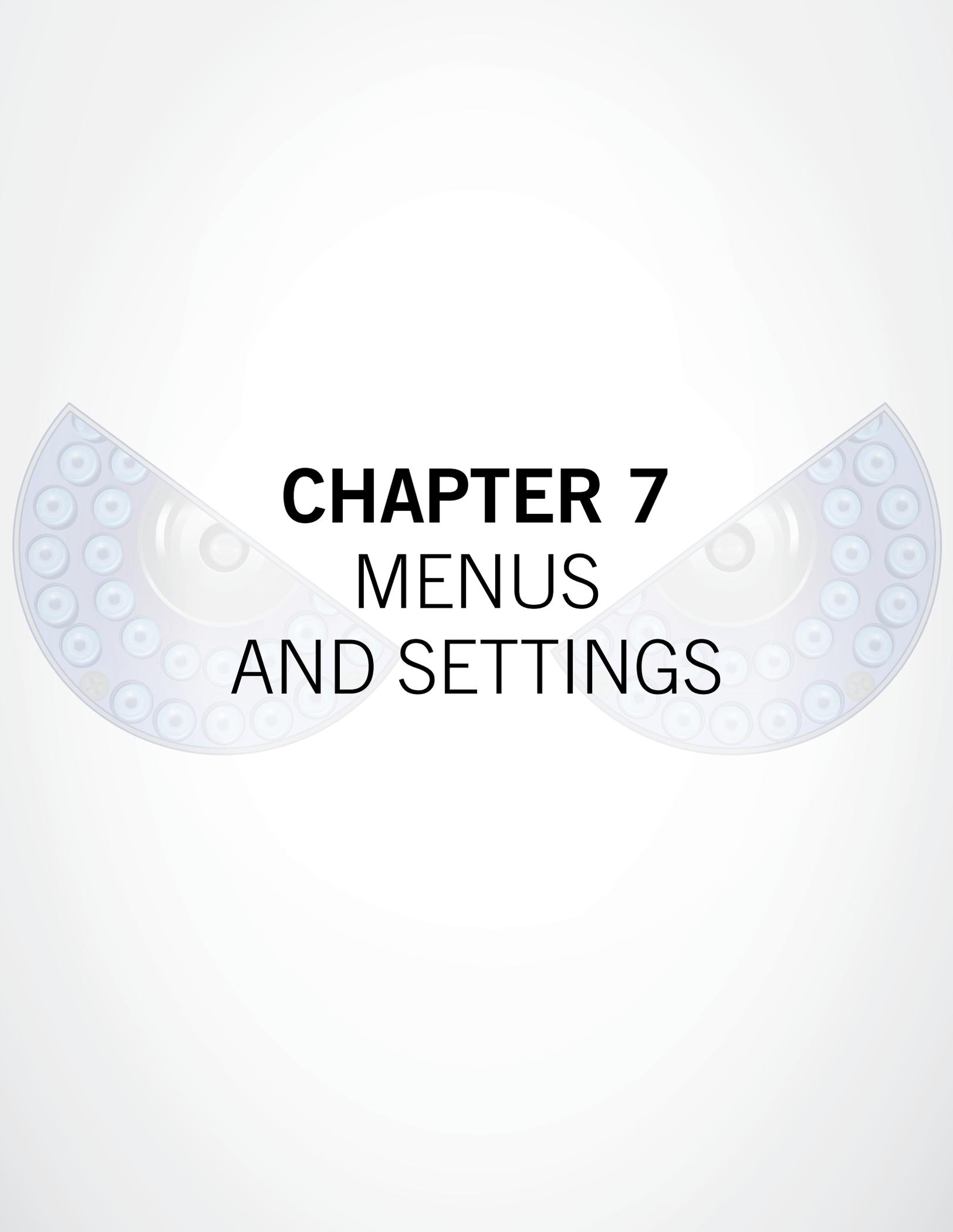
The screenshot shows a dark-themed dialog box titled "Reset Password". It contains a message: "An email with a secure code was sent to yourname@nightowlsp.com. After input the secure code. Your DVR will be restarted and you have to create a new password." Below the message is a "Secure Code" input field. At the bottom are "OK" and "Cancel" buttons.

NOTE: To send the secure code to your recovery email address, your NVR must be connected to the Internet.

6.3 Video Playback



- A Video Image:** Shows an image of the cameras that have video for the search parameters entered.
- B Date:** Allows you to search by date.
- C Camera:** Allows you to search certain cameras.
- D Motion/Continuous:** Allows you to search for Motion or Continuous recordings.
- E Search:** Activates the search based on the criteria established above and shows the recordings found on the table below.
- F File Playback:** Allows you to focus in on the video recording selected in the table above and control the recording.
- G Export:** Allows you to export a recording onto a USB flash drive. (Must be formatted to FAT32 to export videos).
- H Day/Hour:** Allows you to switch the timeline between a day or hour scale.
- I Timeline:** Shows the presence of a video recording and shows the progress of the video.
- J Controls:** Allows you to control (rewind, fast-forward, pause, play, etc.) a video.



CHAPTER 7

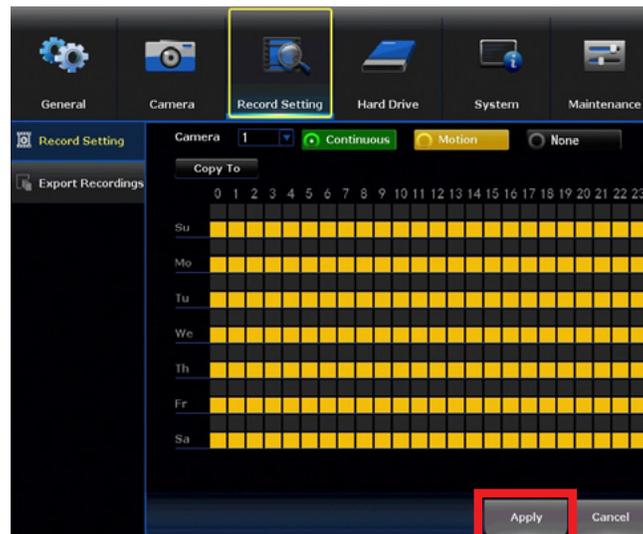
MENUS AND SETTINGS

Chapter 7: Menus and Settings

Some menu screens will allow you to copy similar settings to multiple channels. Choose the channel you would like to copy information from in the first drop-down box (Copy), then select the channel you would like to copy the information to from the second drop-down box (To).



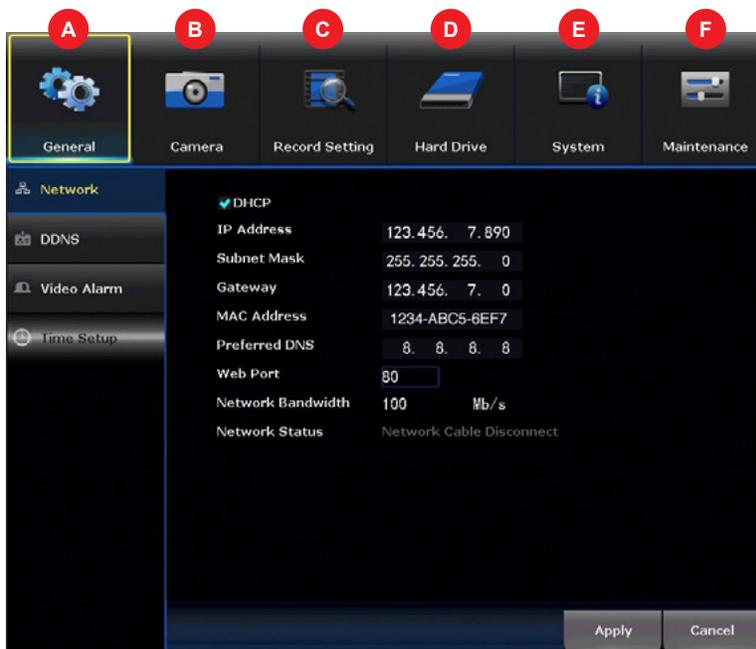
Click “Copy To” when the proper channels have been chosen.



Be sure to click Apply to save all changes you make in the menus. If you do not save the changes, they will not be applied. You can also select the Default button on any page to restore default settings for those parameters.

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.



- A General:** Access *Network*, *DDNS*, *Video Alarm*, and *Time Setup* submenus and manage the settings for those categories.
- B Camera:** Access to *Status*, *Add Camera*, *Channel OSD*, *Video Quality* and *IPC Upgrade* submenus.
- C Record Setting:** Access to *Record Setting* and *Export Recordings* submenus.
- D Hard Drive:** Access to *Hard Drive* submenu and allows you to reformat your HDD and make other changes.
- E System:** Access to *System Setting*, *User Management*, *Device Info*, *Log*, and *Camera Speed* submenus.
- F Maintenance:** Access to *System Maintenance*, *Firmware Update* and *Factory Default* submenus.

7.1 General Menu

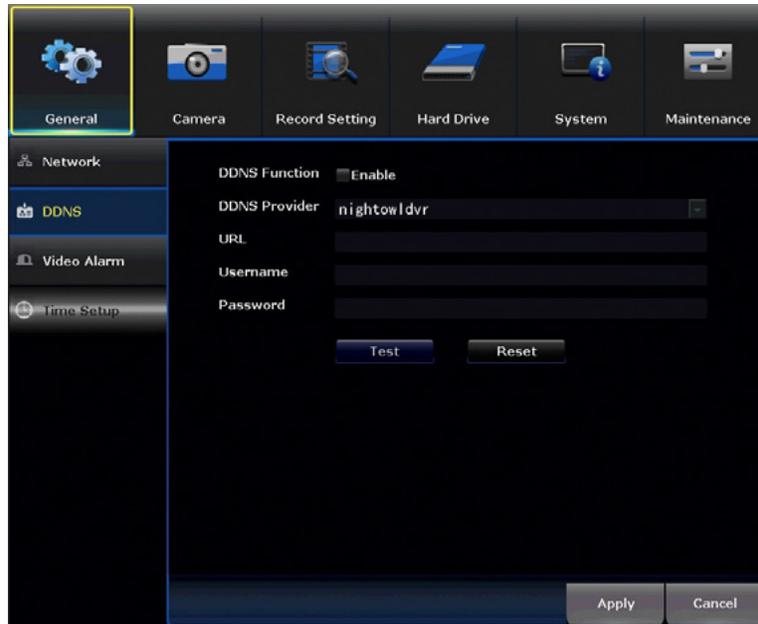
The general menu allows you to access display and network settings for your NVR system.

7.1.1 Network **ADVANCED**

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.

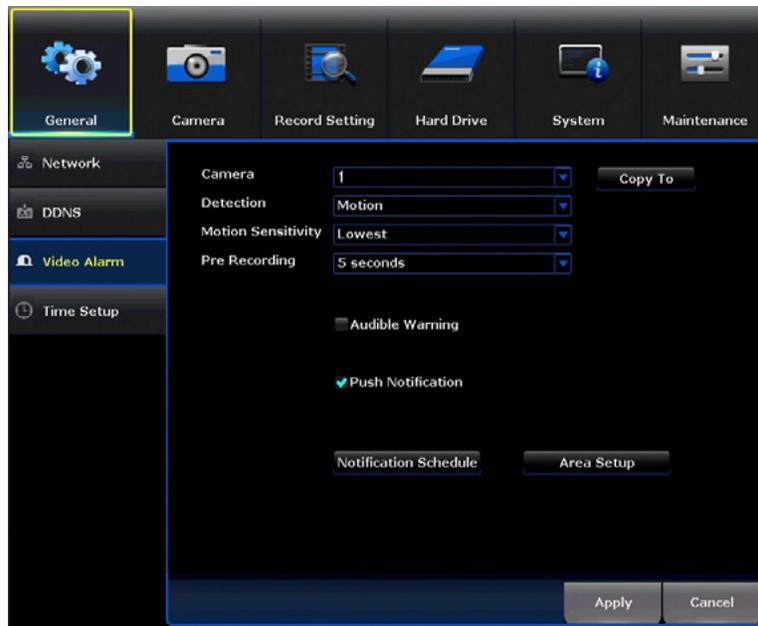


- **DHCP:** Network configuration mode that gathers the network values automatically from DHCP server. If unchecked, this value can be set manually.
- **IP Address:** Network address of the connected NVR.
- **Subnet Mask:** The range of IP addresses that can be found in the network. This should always be set to the default address 255.255.255.000.
- **Gateway:** The connection between two networks. This should always be the IP address of the connected router.
- **MAC Address:** The unique identifier assigned to network interfaces for communications at the data link layer.
- **Preferred DNS:** Domain Name System server address.
- **Web Port:** Allows a computer to access the NVR through your LAN or the Internet. The default value is 80.
- **Network Bandwidth:** Defines channel capacity, or the maximum throughput of the network interface.
- **Network Status:** Shows status of the network connectivity.



- **DDNS Function:** Enable or disable the usage of the DDNS service on the NVR.
- **DDNS Provider:** Set to the NightowlNVR server when using the Night Owl free domain name server. (Default and only option).
- **URL:** Set to the URL name you created when registering your DDNS.
- **Username:** The User ID created during the DDNS registration process.
- **Password:** The password created during the DDNS registration process.
- **Test:** Tests to ensure the configuration set is correct.
- **Reset:** Restores the configuration to default values.

7.1.3 Video Alarm



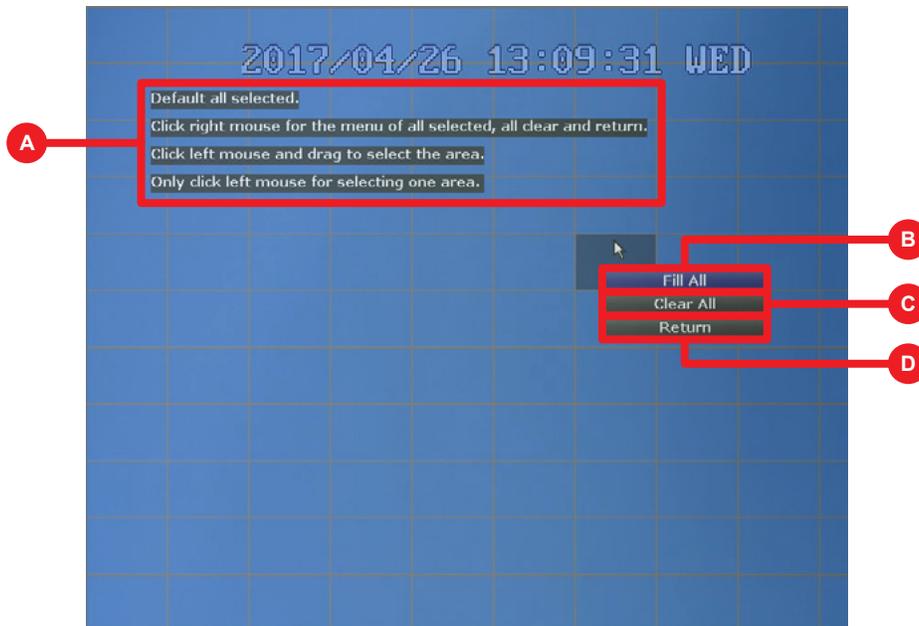
- **Camera:** Select the camera for which you want to adjust motion alarm settings.
- **Detection:** Enable motion alarms.
- **Motion Sensitivity:** Adjusts the sensitivity of the motion sensor for the camera selected. A lower setting requires more movement in the camera range to begin recording. By default, your NVR's motion sensitivity is set to High.
- **Pre-Recording:** Number of seconds that are pre-recorded before motion is detected. This option is fixed to 5 seconds.
- **Copy To:** Allows you to copy this menu's settings from one camera to another.
- **Audible Warning:** Enable or Disable the internal NVR buzzer that sounds when motion is detected.
- **Push Notification:** Enable or Disable the push notifications being sent to your Smart Device.
- **Notification Schedule:** Allows you to set a notification schedule.
- **Area Setup:** Area Setup allows you to configure the motion detection area. Blue boxes denote areas that detect motion, whereas uncolored boxes denote areas that don't detect motion. When finished, right click and select Return.

7.1.3 (a) Notification Schedule



- **Schedule #:** Allows you to set up to 4 ranges throughout the day where motion alerts will be sent to your smart device.
- **Weekday:** Apply the schedule to a particular day.

7.1.3 (b) Area Setup



- A Instructions:** A series of instructions on how to set the motion detection area. Blue boxes denote areas that detect motion, whereas uncolored boxes denote areas that don't detect motion. When finished, right-click to return to the menu and click "Apply" to save changes.
- B Fill All:** Selects the entire screen for motion detection.
- C Clear All:** Deselects the entire screen and prevents motion alerts/recordings from being triggered.
- D Return:** Returns to the Video Alarm submenu.

7.1.4 Time Setup



- **Date Format:** Choose the display format for the date. You can select *Month/Day/Year*, *Year/Month/Day* or *Day/Month/Year*.
- **Time Zone:** Select the correct time zone for your location.
- **Sync Time:** Enables or Disables NTP (Network Time Protocol) services.
- **Time Format:** Select either a *12Hour* or *24Hour* format.
- **Daylight Saving Time:** Configure daylight savings time by selecting *Setup*.

7.2 Cameras Menu

Adjust or modify the settings for each camera connected to your NVR.

7.2.1 Status

Camera	Device Name	Resolution	Speed (bps)	S/W Version
1	---	---	---	---
2	---	---	---	---
3	---	---	---	---
4	---	---	---	---
5	---	---	---	---
6	---	---	---	---
7	---	---	---	---
8	---	---	---	---

- **Table:** Table shows the cameras connected to the NVR, the resolution of the main or sub stream video, the maximum speed at which that stream transmits, and the firmware version of the camera.
- **Refresh:** Refreshes the information in the table.
- **Main Stream:** Shows main stream resolution in the table.
- **Sub Stream:** Shows sub stream resolution in the table.

7.2.2 Add Camera

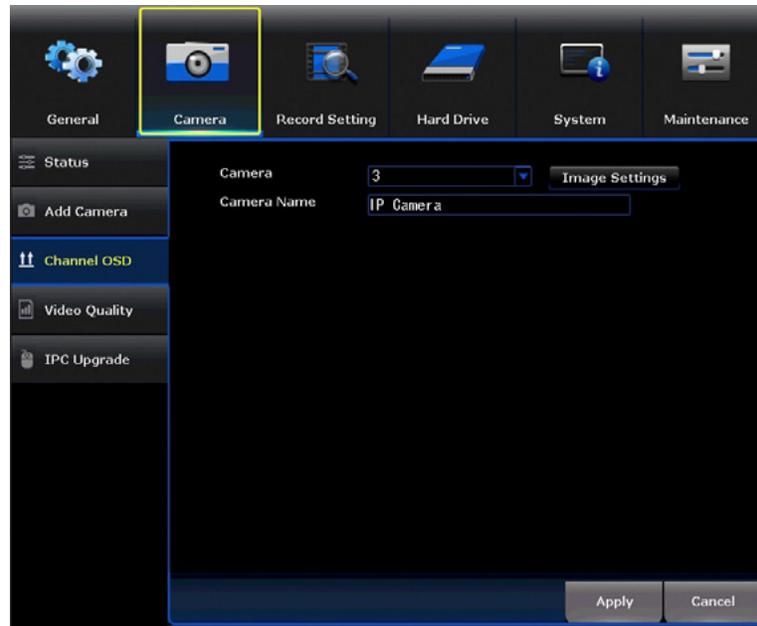


- **Table:** Shows the cameras connected to the NVR.
- **Delete:** Will delete the selected camera from Table.
- **Delete All:** Will delete all cameras from Table.
- **Manual Edit:** Allows the channel connection parameters of the cameras to be modified.
- **Arrows:** Allows you to move the selected camera to a different channel.

7.2.2 (a) Manual Edit



- **Camera:** Select the camera you want to edit.
- **Protocol:** Shows the protocol of the selected camera. Private (Night Owl), ONVIF (Standard).
- **IP Address:** Network address of the connected camera.
- **Port:** Allows a computer to access the Camera through your LAN or the Internet. The default value is 80.
- **Enable:** Will Enable (turn on) and Disable (turn off) the camera video stream.
- **MAC Address:** The unique identifier assigned to the network interface of the camera for communications at the data link layer.
- **Username:** Shows the username of the credentials needed to establish a connection with the camera. By default, **admin**.
- **Preview Strategy:** Used for live view. If the signal of the connected camera to the NVR is not strong enough to sustain a decent quality image, this function can adjust the mainstream transmission to improve video quality.
- **Password:** Shows the password of the credentials needed to establish a connection with the camera. By default, password field should be empty.



- **Camera:** Allows you to select a camera to modify.
- **Camera Name:** Shows the current name and allows you to edit the name of the selected camera.
- **Image Settings:** Modify the video image settings for the selected camera.

7.2.3 (a) Image Settings



- **Brightness:** Changes how light the image appears. This feature does not extend or enhance night vision mode.
- **Saturation:** Alters how much color is displayed in the image. The higher the saturation, the more bright and vivid colors will appear.
- **Contrast:** Increases the difference between the blackest black and the whitest white in the image. Useful if sections of the image are “grayed out”. However, setting the contrast too high degrades the image quality.
- **Default:** Resets the image to its default values.
- **Bright:** Sets a predefined value to show a brighter image.
- **Soft:** Sets a predefined value to show a softer image.

7.2.4 Video Quality



- **Camera:** Select a camera to edit.
- **Encode Mode:** Encoding occurs for the selected format, such as *Video Only*.
- **Main Stream/Sub Stream:** Sub stream values are set for an image with less bandwidth consumption (less resolution and limited rate).
- **Bitrate Mode:** Select *CBR* (constant bit rate or a fixed encoding speed) or *VB* (variable bit rate or an average encoding speed); if using *VBR*, you must select the desired quality of video.
- **Resolution:** Set the recording resolution for the camera. Higher resolution means more image detail.
- **Camera Speed:** Displays the amount of bandwidth used by each camera in real-time using Kb/s and MB/H.
- **Framerate:** Increases or decreases the frames per second of the streaming video, depending on your connection speed. Higher FPS equals better video quality. If experiencing lag or stutter, lower the FPS.
- **Encode Format:** Set the video compression format to H.265+.

7.2.5 IPC Upgrade

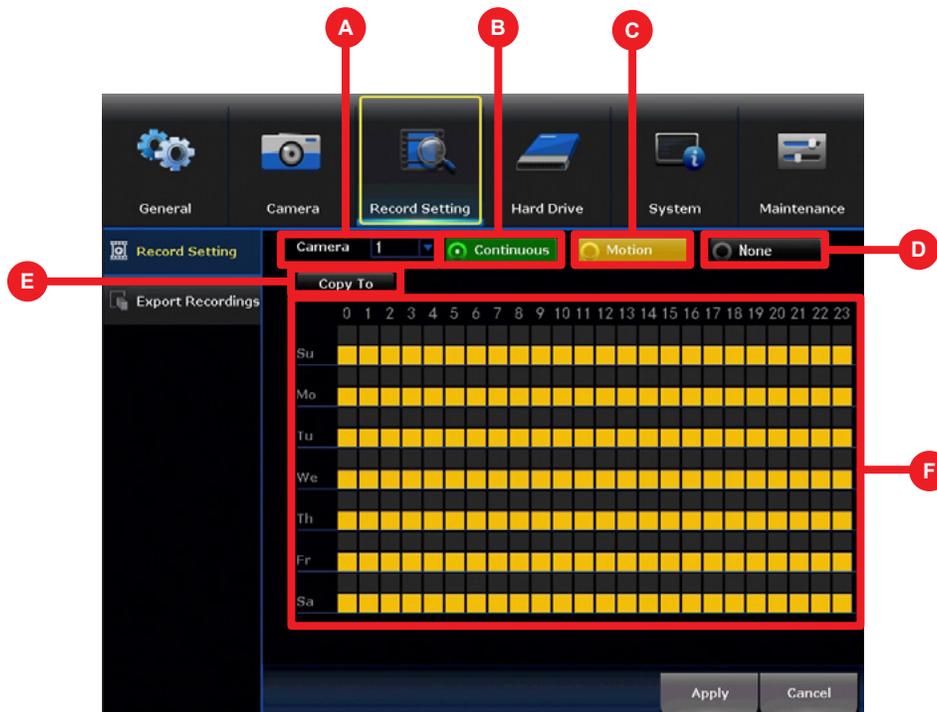


- **Table:** Shows the IP address and firmware version of all connected cameras.
- **Firmware From:** Allows you to choose the source of the firmware upgrade (Network or USB). Network is preferred.
- **Start:** Begins the process of updating the firmware of the selected camera.
- **Allow The Device To Downgrade:** Click to enable or disable firmware downgrade option. This allows downgrades when using a USB or Network to perform an update.

7.3 Record

The Record menu allows access to the Record Settings and Export Recordings submenus. From these submenus, it will be possible to manage the settings for those categories.

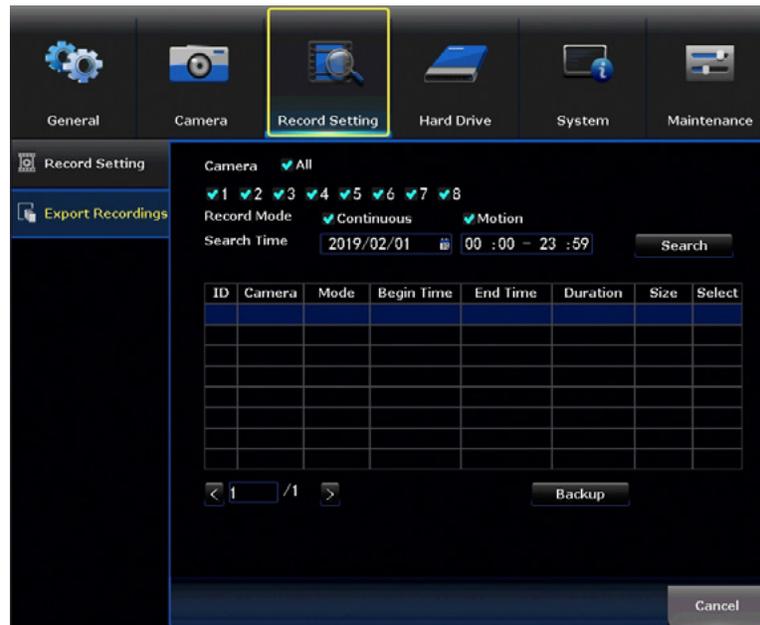
7.3.1 Status



- A Camera:** Choose a camera to edit.
- B Continuous:** Enable the selection of the continuous recording in the time diagram.
- C Motion:** Enable the selection of the motion recording in the time diagram.
- D None:** Disable the selection of both continuous and motion recordings.
- E Copy To:** Allows you to copy the configuration for one camera to another.
- F Time Diagram:** Shows a diagram (hours of the day x day of the week). Use this diagram to apply motion recordings and/or continuous recordings during specified periods.

7.3.2 Export Recordings

Search and playback all recorded video from this menu. Choose your desired date and times from the options below, then click “Play” to view recorded video. Right-click to exit back to the menu screen.



- **Camera:** Select which camera(s) to search for recordings.
- **Record Mode:** Select which recording type to search for. Choose *Continuous*, *Motion* or both.
- **Search Time:** Set a date and time range to search for recordings.
- **Table:** Shows all the recordings found with current search parameters.
- **Backup:** Create additional files of your recordings on an external storage device.

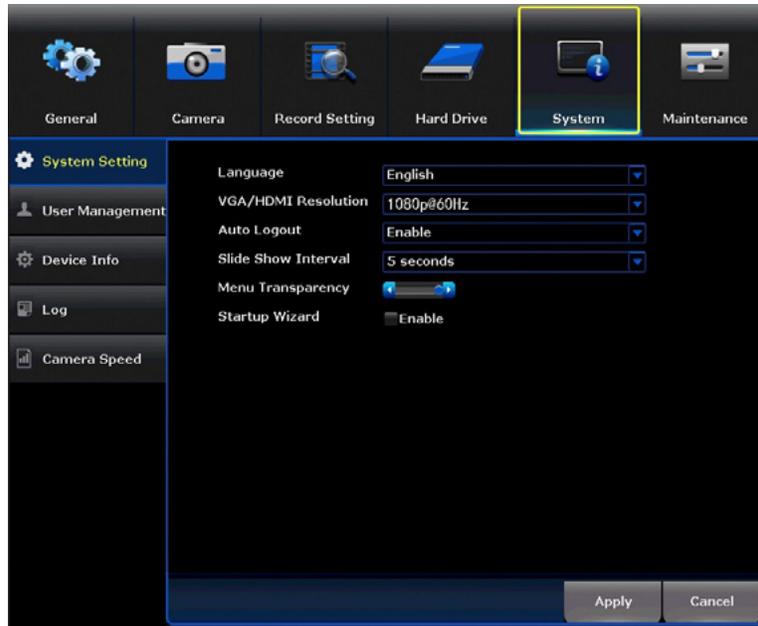


- **Hard Disk List:** List of all the hard drives, including their characteristics, installed on the NVR.
- **Overwrite:** Old footage is automatically recorded over when the HDD becomes full. Overwrite is selected by default.
- **Format:** Reformats the HDD, erasing all stored recordings. If the HDD is malfunctioning, a reformat is recommended before replacement.

7.5 System

The System menu allows access to the System Settings, including, User Management, Device Info, Log and Camera Speed submenus.

7.5.1 System Settings

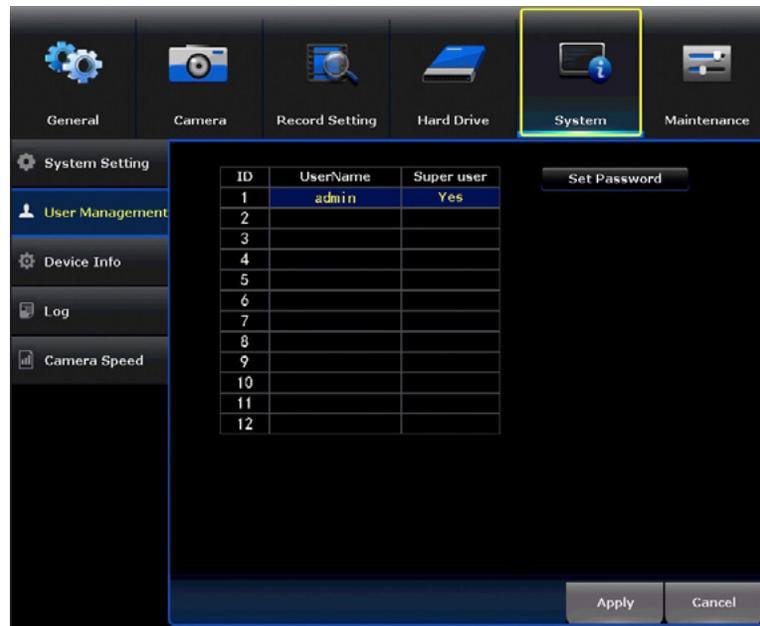


- **Language:** Choose between *English*, *Spanish* and *French*.
- **VGA/HDMI Resolution:** Optimize the display resolution to best fit your TV/Monitor. By default, the NVR selects a resolution of *1920 x 1080*.

NOTE: Do NOT select a resolution size larger than your TV/Monitor can accommodate.

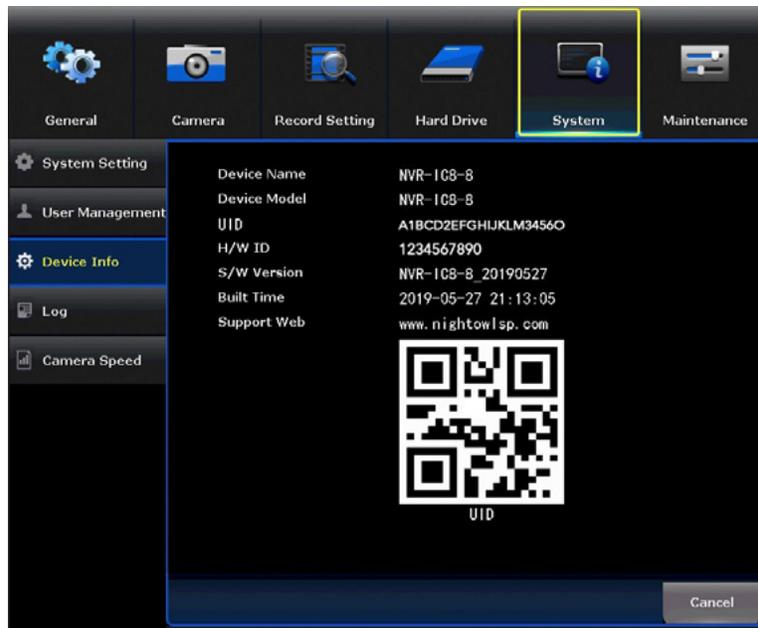
- **Auto Logout:** *Enable* or *Disable* auto logout. If Disabled, the NVR will remain logged in.
- **Slide Show Interval:** Adjust the length of time that each channel is displayed during the sequential view. You can select between 1 and 300 seconds per channel.
- **Menu Transparency:** Modify the menu transparency when displayed on the screen.
- **Startup Wizard:** If Enabled, the Startup Wizard launches every time the system reboots.
- **Apply:** Applies all changes made.

7.5.2 User Management



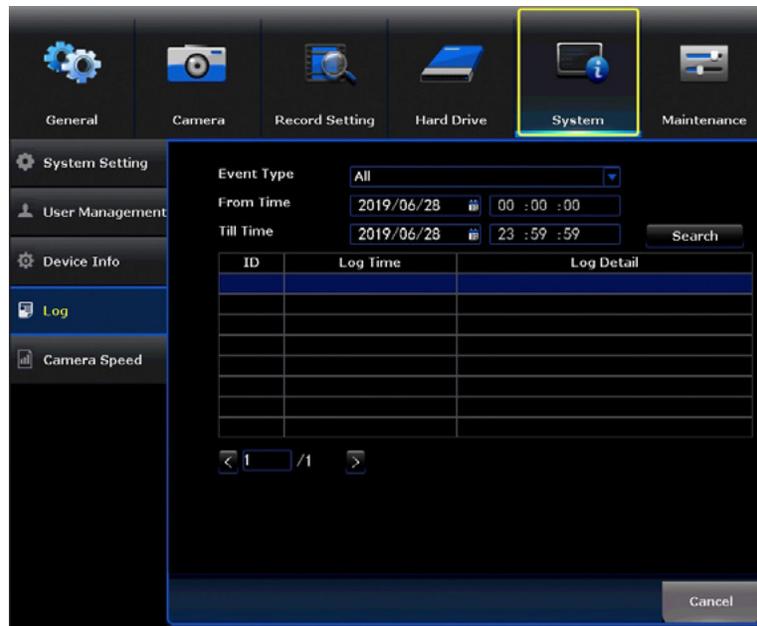
- **Set Password:** Change the password for the selected user.

7.5.3 Device Info



- **Device Name:** Create a unique device name for easy reference.
- **Device Model:** Displays your NVR model number.
- **UID:** Unique Device ID number that identifies the NVR.
- **H/W (Hardware) ID:** The current hardware version of the NVR.
- **S/W (Software) Version:** The current firmware version of the NVR.
- **Built Time:** The date and release time for the current firmware.
- **Support Web:** Night Owl Support web address.
- **QR Code:** QR code that represents the UID number of the NVR. Scan the code on this screen when performing a QR code setup to add this NVR to the Night Owl Connect App.

NOTE: Please scan the QR Code directly from your TV/Monitor, NOT from this page.



- **Event Type:** Select the type of event log you would like to *Search* for. Each choice corresponds to an action or event that was triggered and noted within the system.
- **From Time:** The date and time to start the search.
- **Till Time:** The date and time to finish the search.
- **Search:** Performs a search of the logs. All items found appear in the table.
- **Table:** Lists all the events found under your search parameter.

7.5.5 Camera Speed



The screenshot shows a software interface with a top navigation bar containing icons for General, Camera, Record Setting, Hard Drive, System (highlighted with a yellow box), and Maintenance. A left sidebar lists menu items: System Setting, User Management, Device Info, Log, and Camera Speed (highlighted). The main content area displays a table with three columns: Camera, Kb/s, and MB/H. The table contains eight rows of data, all showing 0. Below the table, a 'Total:' label is followed by 0 Kb/s and 0 MB/H. A 'Cancel' button is located at the bottom right of the main content area.

Camera	Kb/s	MB/H
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0

Total: 0 Kb/s 0 MB/H

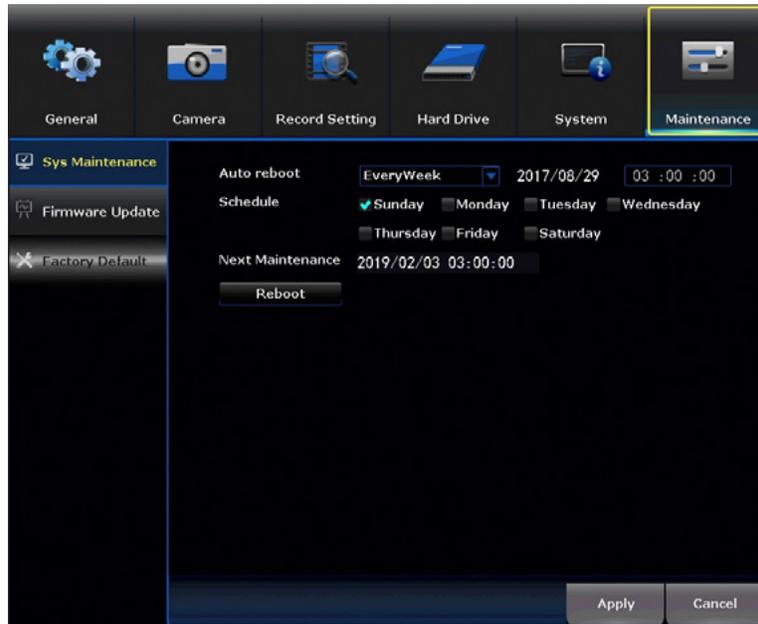
Cancel

- **Camera:** Displays the amount of bandwidth used by each camera in real-time in Kb/s and MB/H.

7.6 Maintenance

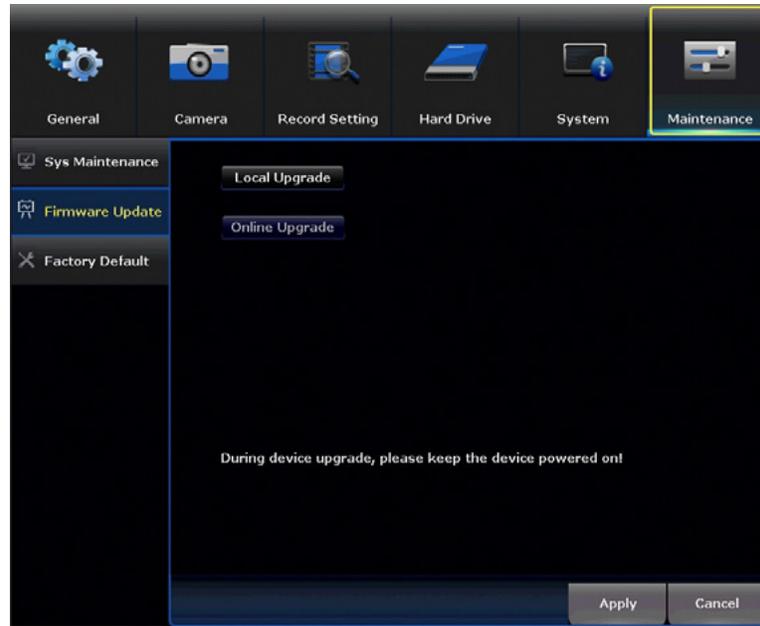
The Maintain menu allows access to the Sys Maintenance, Firmware Update and Factory Default submenus.

7.6.1 Sys Maintenance



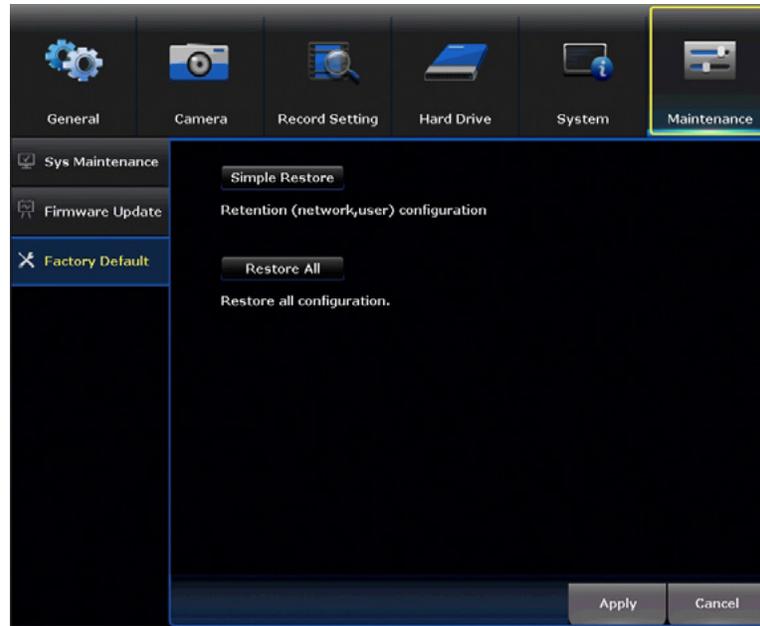
- **Auto Reboot:** Determine how often an auto reboot occurs.
- **Schedule:** Schedule the reboot frequency.
- **Next Maintenance:** Shows the date and time of the next reboot.
- **Reboot:** Manually reboot the NVR.

7.6.2 Firmware Update



- **Local Upgrade:** Select to upgrade device from a USB device.
- **Online Upgrade:** Select to upgrade device from the network.

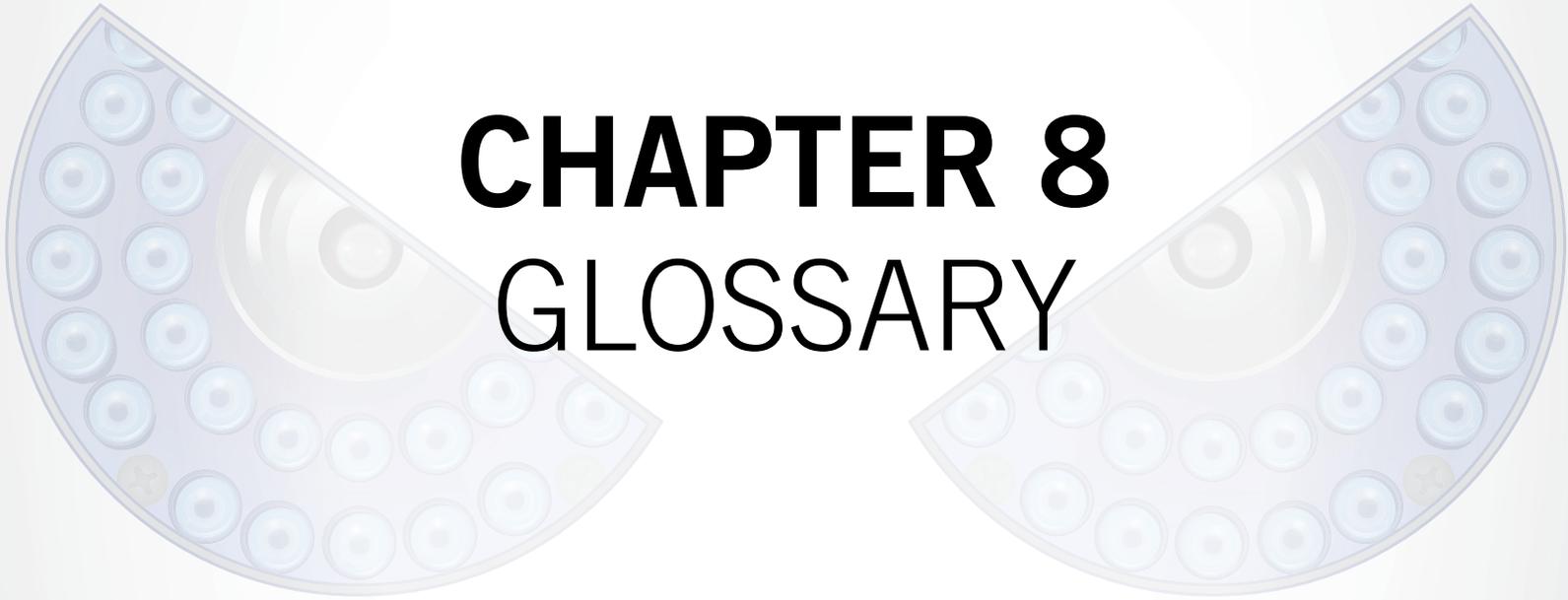
7.6.3 Factory Default



- **Simple Restore:** Factory restore the settings for both the network and user.
- **Restore All:** Restore all configuration, such as user, network, and cameras.

CHAPTER 8

GLOSSARY



Chapter 8: Glossary

DDNS: Dynamic Domain Naming System. Method for automatically updating hostnames, address or other information like a URL on a given name server.

DHCP: Dynamic Host Configuration Protocol. A network protocol that allows a server to automatically assign a device and IP address.

IP: Internet Protocol. Protocol for standard communications across the Internet.

ISP: Internet Service Provider. An organization that provides services for accessing or using the Internet.

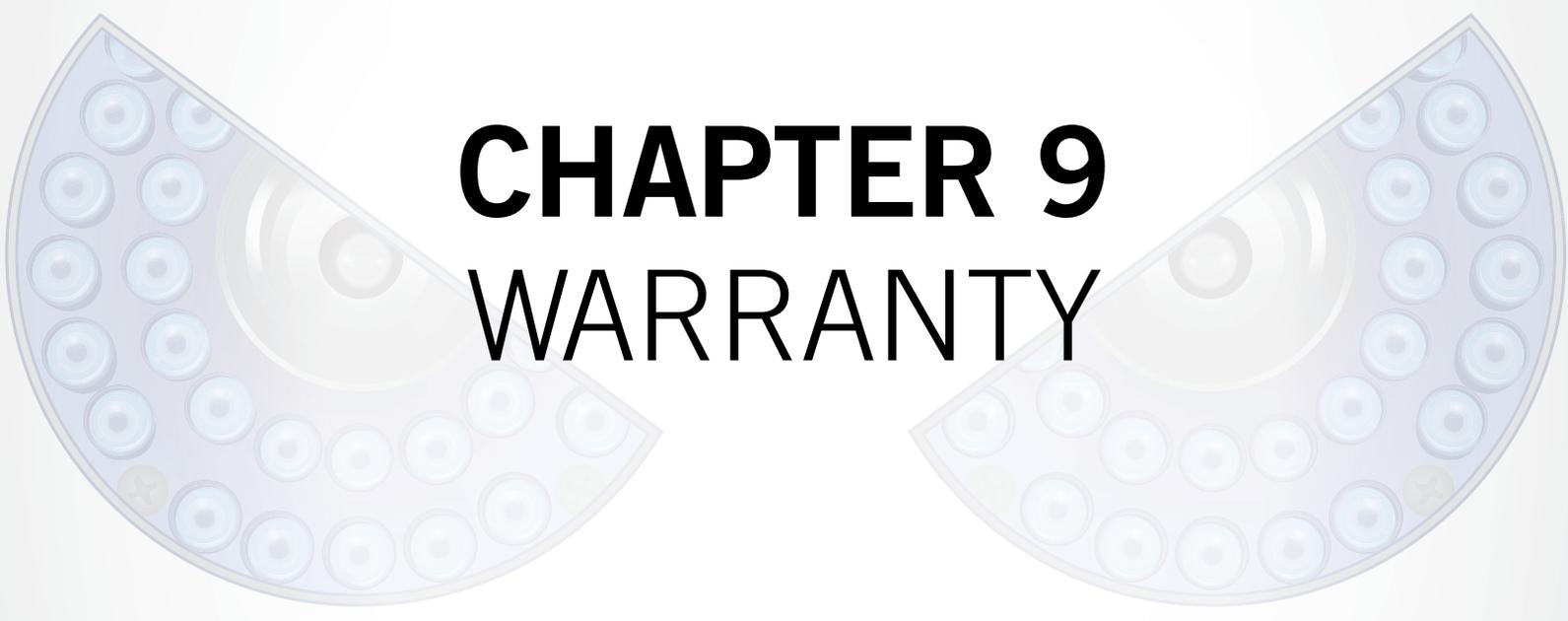
OSD: On Screen Display.

SMTP: Simple Mail Transfer Protocol. Standards used for email transmission.

UPS: Uninterrupted Power Supply. Device used to keep the NVR and cameras powered when the main power supply is lost or disconnected.

CHAPTER 9

WARRANTY



Chapter 9: Warranty

NIGHT OWL, LLC (“Night Owl”) 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 Night Owl;
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 Night Owl neither assumes nor 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 Night Owl 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.

Night Owl 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. Night Owl 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 Night Owl and do not affect this provision of this warranty.

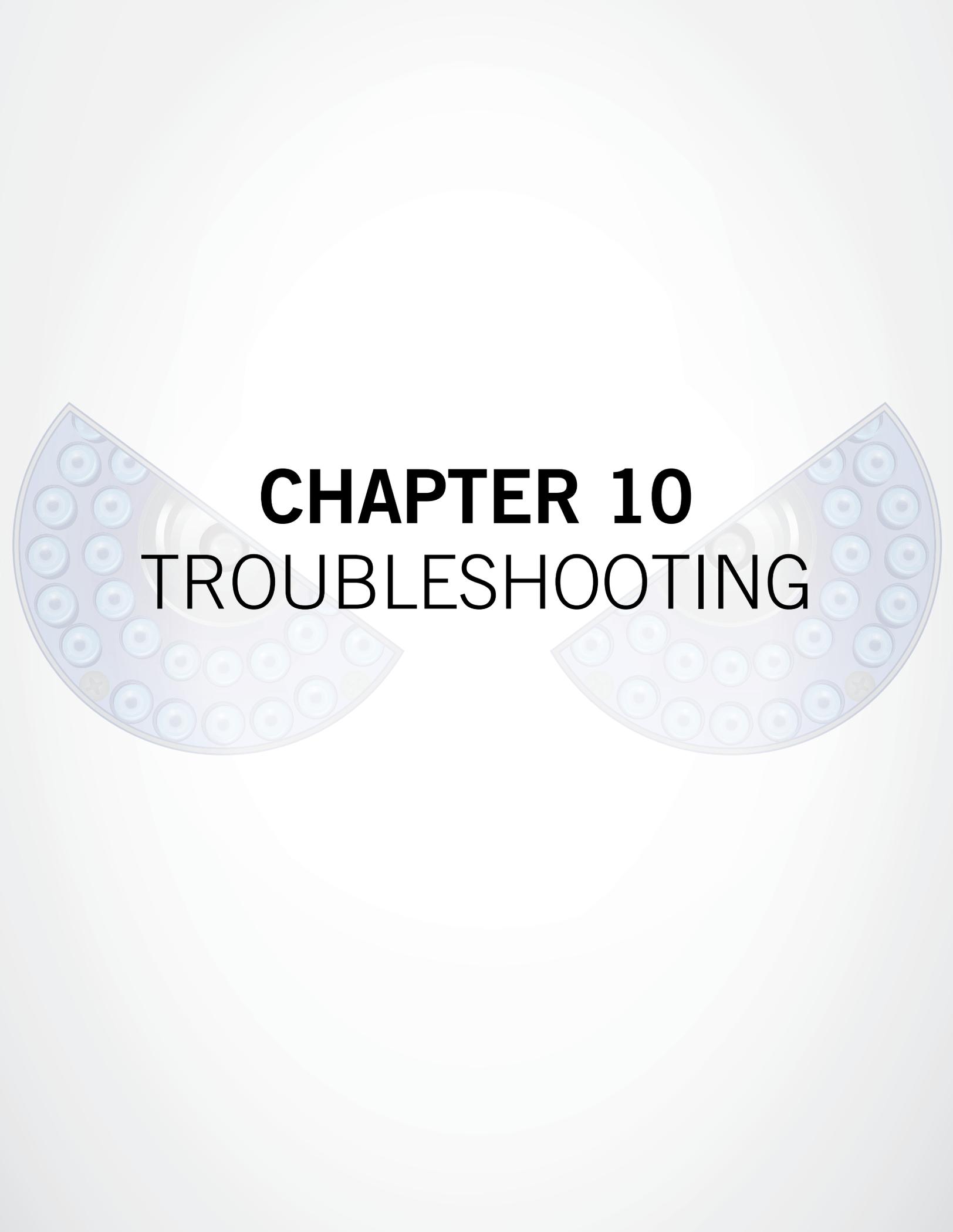
Returns Under This Warranty

In order to obtain service, please make sure that you have registered your product on-line no later than thirty (30) days after purchase at www.NightOwlISP.com in the warranty registration section or in any other manner described in the instructions.

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 10

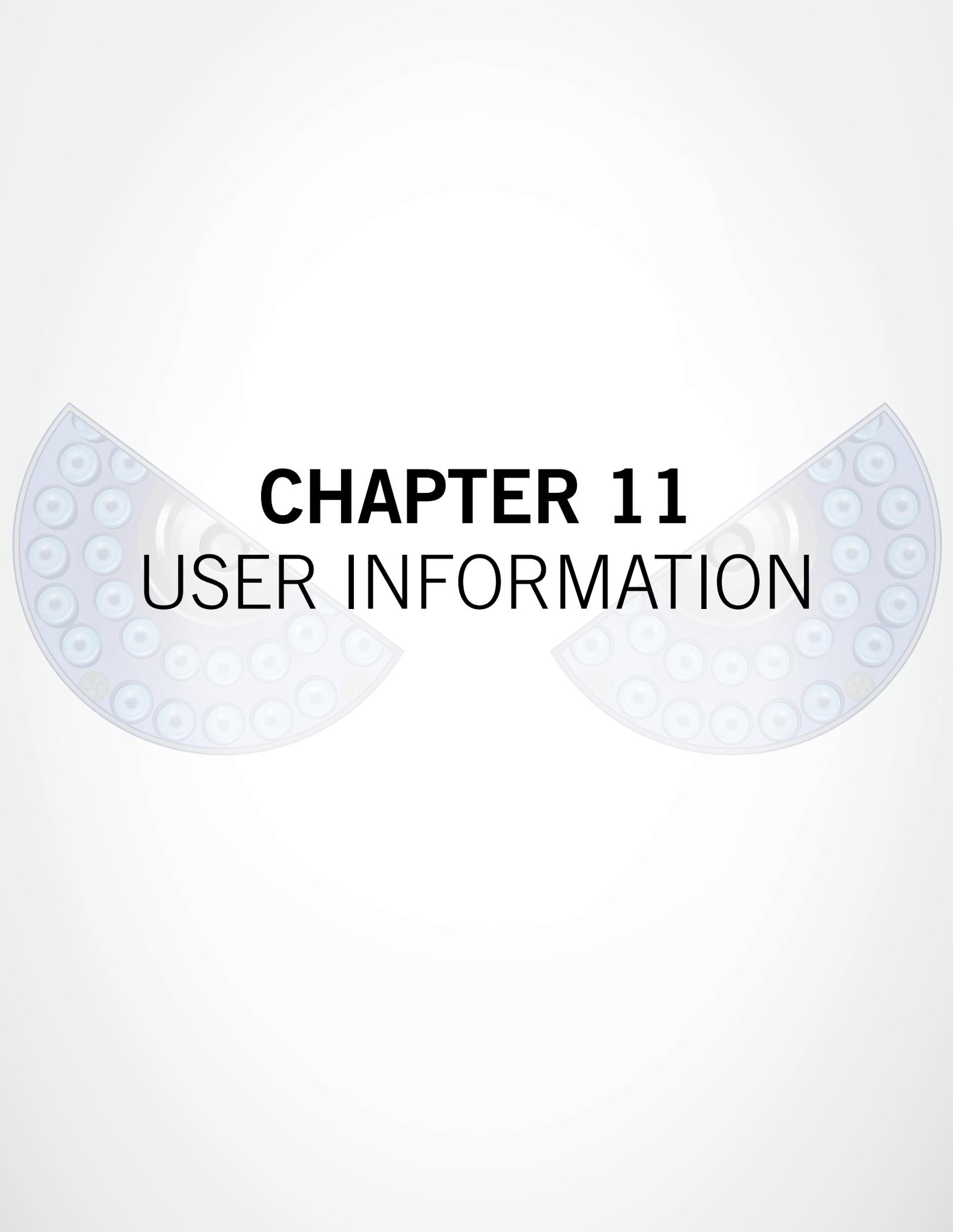
TROUBLESHOOTING

Chapter 10: 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
System is not receiving power or is not powering up.	Cable from power adapter is loose or is unplugged.	<ol style="list-style-type: none"> 1. Confirm that all cables are connected correctly. 2. Confirm that the power adapter is securely connected to the back of the unit.
	Cables are connected, but system is not receiving sufficient power.	<ol style="list-style-type: none"> 1. Confirm that the system is powered ON (LED indicators on the front should be ON). 2. 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. 3. Confirm that there is power at the outlet. 4. Connect the power cable to another outlet. 5. Test the 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 disabled.	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.



CHAPTER 11

USER INFORMATION

Chapter 11: User Information

Be sure to write down all the important information below and place it in a secure location.

General NVR Information

NOTE: Your Component Model Number can be found by accessing the System menu and Device Info submenu.

Admin Password: _____

User Password: _____

Component Model Number: _____

Internet Login Information

NOTE: This information can be found within the General Menu tab under Network in your NVR's Main Menu.

Mac Address: _____

Web Port: _____

IP Address: _____

Subnet Mask: _____

Gateway: _____

Preferred DNS: _____



NEED HELP?

Why Call? Our Support Site Has It All!

For system manuals, troubleshooting guides, FAQs, video tutorials and more:

- 1 Please visit www.NightOwlSP.com.
- 2 Click the Support tab.
- 3 Type **IC8** in the search bar.
- 4 Access the support material needed.

CONTACT US

PHONE (English, Spanish & French)

Technical Support

1.866.390.1303

Live Chat 24/7, 365 days a year

Pre-Sales Support

1.866.979.0580

EMAIL

Technical Support

Support@NightOwlSP.com

Sales Support

Sales@NightOwlSP.com

WEBSITE

24/7 Product Support

- How-To Videos
- Manuals

www.NightOwlSP.com

