



QUICK SETUP GUIDE

THD301 SERIES



www.NightOwlSP.com



What's in the Box

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 DVR and cameras.



3MP DVR



Camera(s)



60 ft. Video/Power Cables
(1 cable per camera)



Power Splitter(s)



6 ft. HDMI (x1)



DVR Power Adapter (x1)



Camera Power Adapter(s)



6 ft. Ethernet (x1)



Safety Sticker (x3)



USB Mouse (x1)



Mounting Hardware



Items Not Included

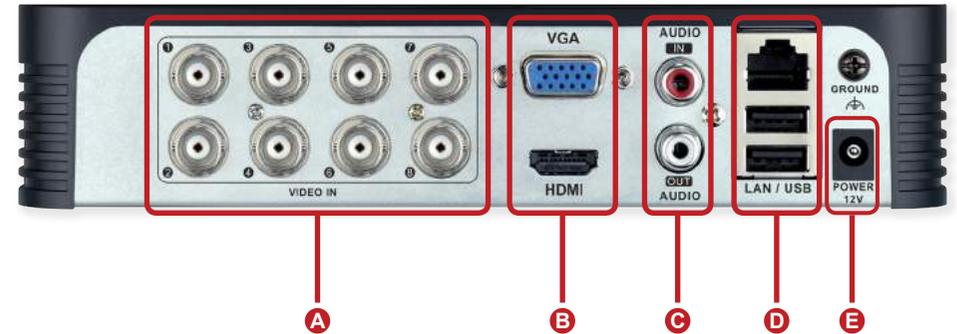


Monitor



Router

DVR Specifications



- A Video Inputs:** Allows for the connection of up to 8 BNC cameras.
- B Video Outputs:** Allows the DVR to be connected to a TV or monitor for video viewing.
- C Audio Inputs & Outputs:** RCA ports allow the connection of an audio-enabled camera or self-powered microphone and an external speaker to the DVR. *(audio enabled camera, microphone and speaker not included)*
- D LAN & USB Ports:** LAN allows for Internet access via Ethernet cable. USB ports allow for mouse control and external storage.
- E Power Input:** 12V port for electrical power.

Connecting Your System



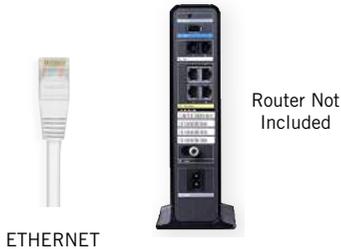
A Plug one end of the included HDMI cable into the HDMI port on the back of the DVR.



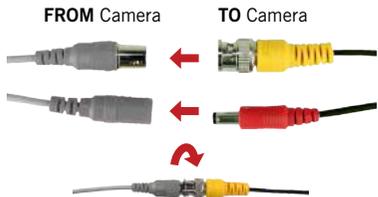
B Plug the other end of the HDMI cable into the back of your TV or monitor.



C Plug one end of the included Ethernet cable into the LAN port on the back of the DVR.



D Plug the other end of the Ethernet cable into a numbered port on the back of your router.



E Connect the ends of the cable attached to the camera to the ends of a video/power cable labeled **TO CAMERA ONLY**.



F Connect the BNC connector of the video/power cable labeled **TO DVR ONLY** to an open video input on the DVR.



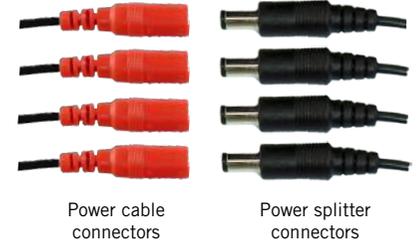
G To ensure all cameras are functioning properly, please test each one locally before installing them.



I Connect the power splitter to the camera power adapter and plug the adapter into a surge protector or Uninterruptible Power Supply (UPS).



K Plug the DVR power adapter into a surge protector or Uninterruptible Power Supply (UPS).



H Connect the red female power leads of the video/power cables to the male power splitter ends.



J Connect the DVR power adapter to the Power Input on the rear of the DVR.

★ Ensure you are using the correct power adapter.

The DVR power adapter is labeled **TO DVR ONLY**

The Camera power adapter is labeled **TO CAMERA ONLY**

Booting Up for the First Time

Startup Wizard

- 1 When you power on the DVR you will be prompted with the following screen. Please follow the instructions to complete the Startup Wizard.



Important... Please Read

- 2 On the 'Password Creation' screen, please note the following:



Admin Account Creation

By default, the username will be 'admin'. It must remain 'admin' upon your initial account configuration. However, you may add additional users at a later time.



Recovery Email Address

Please ensure you provide a valid email address in case you ever forget your account information.



Remember Your Password

Night Owl strongly recommends writing down your password within the Quick Setup Guide. You will need it every time you log into your DVR and to remotely view on a Smart Device.

Write your password here:

- 3 When you reach the 'Channel Settings' screen, you will want to have installed the cameras in their final position. Please make sure you have mounted cameras at least 7ft. above the ground and angled them slightly down.



The infrared sensor works best for 'side to side' movement across the cameras field of view as opposed to movement directly to or away from the camera

At this stage of the Startup Wizard, you will be instructed on adjusting the camera sensitivity and setting the Motion Detection Area. Having your cameras in their final position will be key.

So, if you would like to detect motion for the front door to your home, place the camera to the side of the entrance.

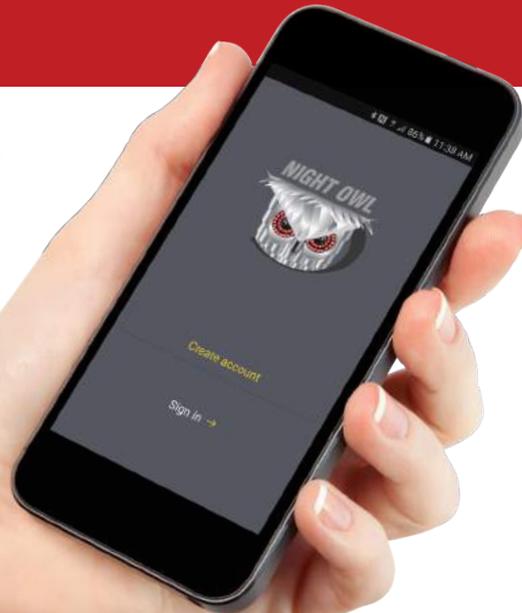
- 4 This is the last screen you will see when you have successfully completed the Startup Wizard.



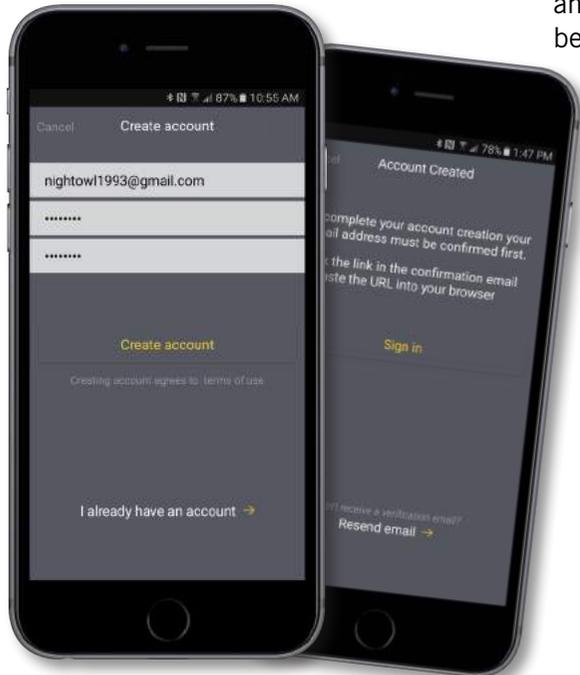
NOTE: For additional configuration of your DVR, please refer to the owner's manual located on our support page at www.NightOwlISP.com.

Download and Install Application

- A** Download **Night Owl X** from the *App Store* or *Google Play Store* and install the application on your device.



- B** Create an account by entering an email address for your username and entering a password that is between 6-20 characters long.



- C** Click the link in the email that was sent to you after you created your account to confirm your email address.

Adding Device and Login

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



- A** To begin adding a new device, first select the yellow plus sign within the Device menu.



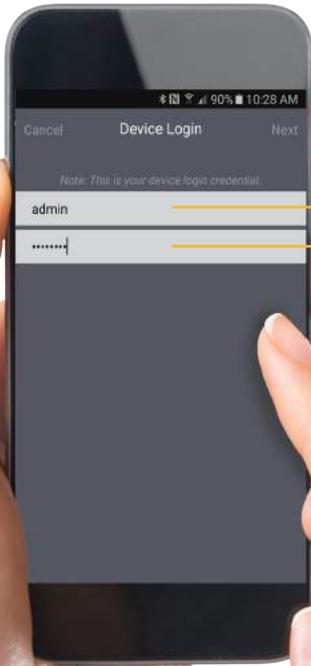
- B** If your Smart Device and DVR are on the same network, the Smart Auto Detection will auto find your DVR. If this method is not available, please use the QR Code Setup.



- C** 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 right corner of your DVR.



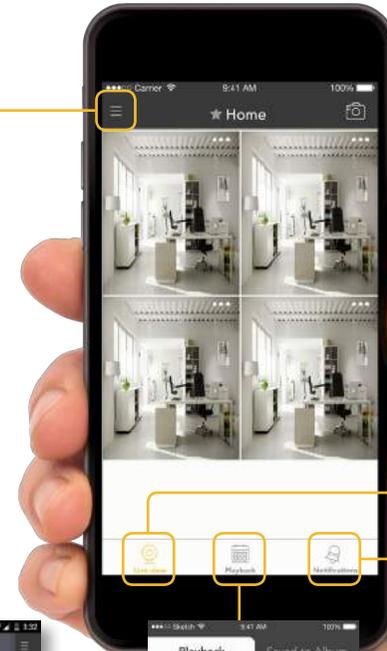
- ④ You will now be required to enter the login information for your DVR to add it. The DVR username is **admin** by default.



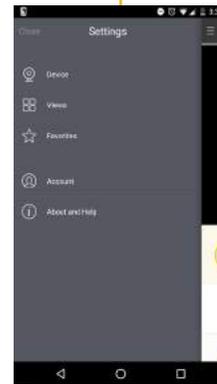
admin is case sensitive (all lowercase).

The password will be the same password you created during the Startup Wizard and should be stored on page 5 of this QSG. **Please note: this is the password of your DVR, NOT the password used to login to the Night Owl X App.** You must key the DVR password verbatim to add it to the app.

App Overview



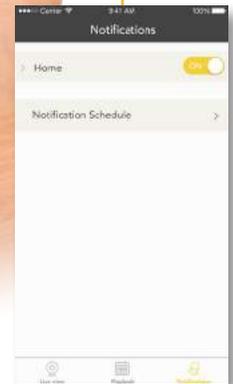
Live View
Displays real-time footage of your system



Settings
Display connected devices, change view layout, view favorites, manage accounts and access help section.



Playback
View recordings & images and save them to your phone's album.



Notifications
Manage custom Push Notifications.

Access your DVR from any computer, anywhere!



Live View

Viewing live video, controlling PTZ functionality and setting image parameters.



Playback

View system recordings and images and save them directly to your PC or Mac®.



Device Manager

Add and configure available DVRs and cameras on your network.

XHD Series CMS Software

The XHD Series CMS Software allows you to view your Night Owl Security system remotely from a PC or Mac®. Additionally, you can playback recorded video, save video and images directly to your PC or Mac®, configure numerous settings such as channel names and set record preferences.

To download the CMS Software:

- A** Go to www.NightOwlISP.com
- B** Click on the Support tab
- C** Enter your model number in the search bar
- D** Select either the **PC or Mac®** version of the software and download

FAQs

1. Does my DVR have to be connected to the Internet?

Your DVR does not require an Internet connection for basic operation, but you will need to connect the DVR to your router in order to remotely view your system on a PC/Mac® or Smart Device.

2. Does my DVR have to be connected to a TV or monitor?

No, your DVR doesn't need to be connected to a TV or monitor to view or capture recordings. You can view your system using the XHD Series CMS Software on a PC/Mac® or by downloading the Night Owl X app on your Smart Device.

3. Are my cameras weatherproof?

Yes, your cameras are weatherproof and will endure minimal moisture and dirt/debris. However, Night Owl strongly recommends placing all outdoor cameras under an eave or awning to help shield them from overexposure to the elements, which could reduce your camera's lifespan.

4. Why does my camera stop working at night?

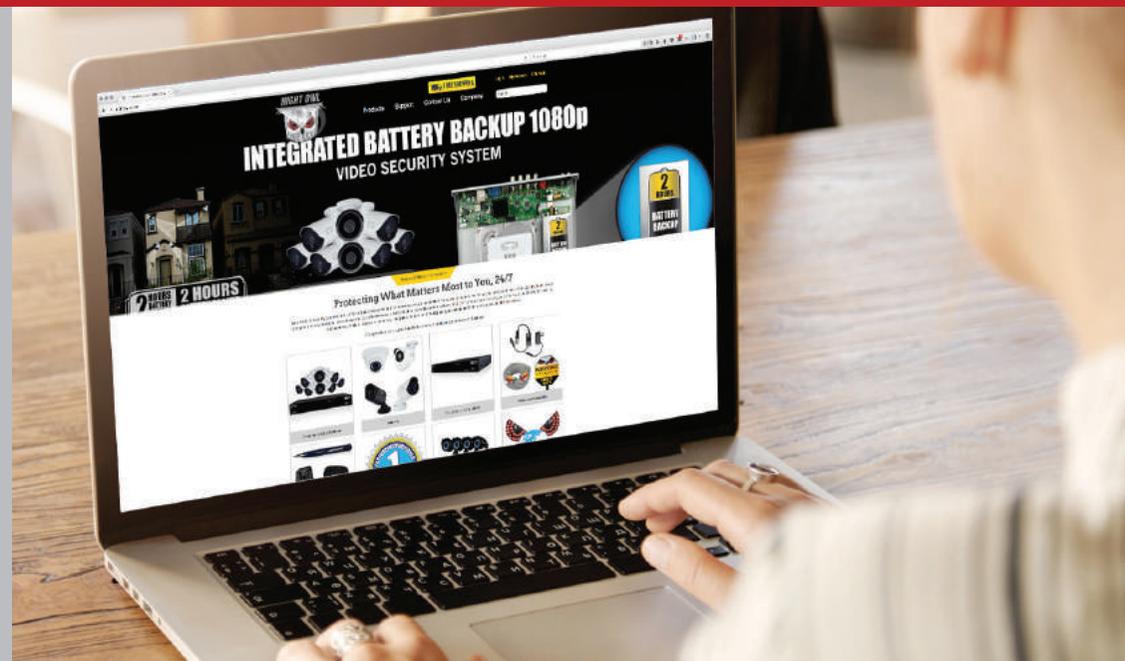
It is possible that your camera is not receiving enough power for the LEDs needed for Night Vision. Try plugging that camera directly into the camera power adapter (bypassing the splitter) to see if the LEDs turn on. If they do, you may need to purchase an additional camera power adapter for that camera.

5. Why is the Night Owl X app not accepting my password?

The Night Owl X app will require two passwords to configure: one password will be used to login to the app itself and the second will be the admin password of your DVR. In order to add a device to the app, you will need to enter the DVR's admin password. Please refer to pages 5 and 7 of this QSG.

6. Why can't I connect using the Night Owl X app or XHD Series CMS Software?

If you are having trouble connecting using our mobile app or client software, *A) your Night Owl system may not be connected to a router, B) the latest firmware or client software may not be installed on your computer or mobile device or, C) the password may have been entered incorrectly or, D) You may need to restart your DVR and try again.*



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

1. Please visit www.NightOwlISP.com
2. Click the Support tab
3. Enter your product's model number in the search bar
4. Access the support material needed



We offer 24/7 bi-lingual (English & Spanish) technical support 365 days a year.



CONTACT US

PHONE (English & Spanish)

Sales Support

1.866.390.1303, Option 3

9:00 am – 6:00 pm EST

Monday – Friday

Technical Support

1.866.390.1303, Option 4

Live Chat 24/7, 365 days a year

WEBSITE

24/7 Product Support

- How-To Videos
- Manuals
- Firmware Updates



www.NightOwlSP.com



YouTube



iPhone, iPad, 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.