



IP Camera & NVR Bundle

QUICK START GUIDE

ENGLISH

What's Included

Cameras

(Bullet or Turret)

*Number of cameras included vary by system
(Only included in sets)*



Power Supply

*Your system will include one of the options below
(Sets include 2 power supplies)*

A



B



NVR

Actual NVR may vary by system



Mouse



NVR Cables



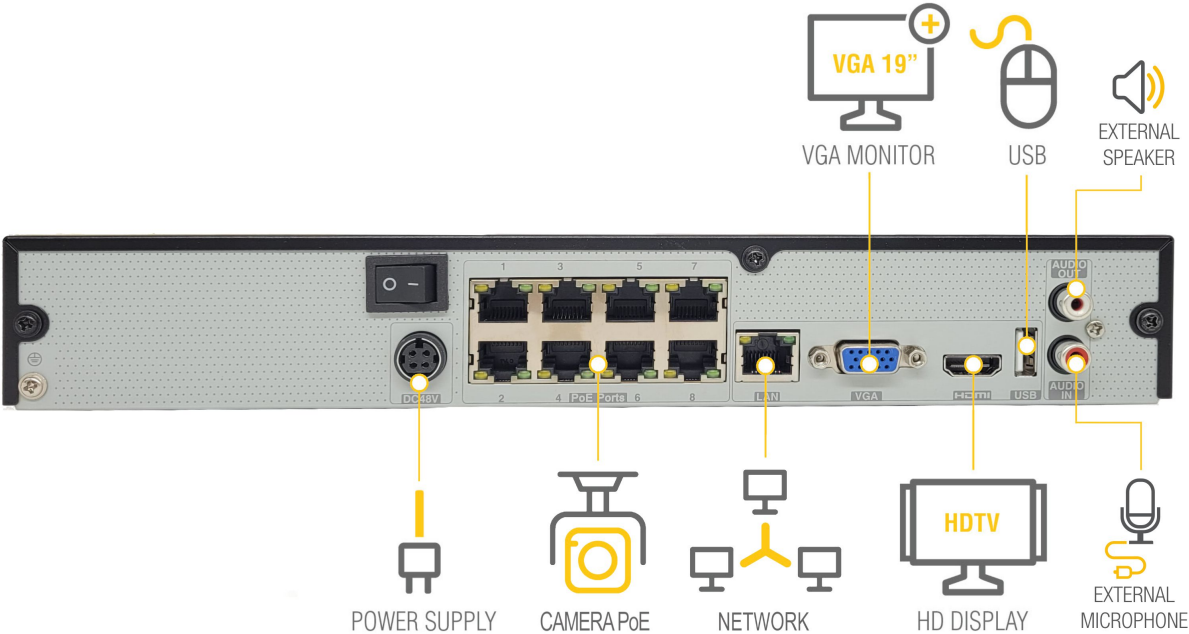
Network (Ethernet)
Cable



SATA Cable
*Not included with
every system*

Understanding Your NVR: Rear Panel

NOTE: Connections on the back of your system may vary based on your model.



Step 2: Connect NVR to Display

There are two options to connect the NVR to a display.

Option A: HDMI

A1. Plug the included HDMI cable into the NVR's HDMI port.



A2. Connect the other end of the HDMI cable to the monitor or TV.

A3. Plug the monitor or TV into a surge protector.



Option B: VGA Monitor

B1. Plug a VGA cable (not included) into the NVR's VGA port. VGA might not support full high definition output.

B2. Connect the other end of the VGA cable to the monitor. A 19" monitor or larger with 1280 x 1024 resolution is highly recommended.

B3. Plug the monitor into a surge protector.



Step 3: Connect Mouse

Plug the included mouse into the USB port on the back of the NVR. If your model has two USB ports on the back, either one will work.



Step 4: Connect to the Router

- A. Plug the included Network (Ethernet) cable into the Network (LAN) port on the back of the NVR.



- B. Connect the other end of the cable to an open port on your router (not included). You will hear a click when the cable is properly connected.

Step 5: Powering Up the NVR & Cameras

- A.** Plug the NVR power supply cord into the DC Port on the back of the NVR.



- B.** Plug the NVR power supply or power adapter into a surge protector (not included).



- C.** Plug the camera power supply into a surge protector.

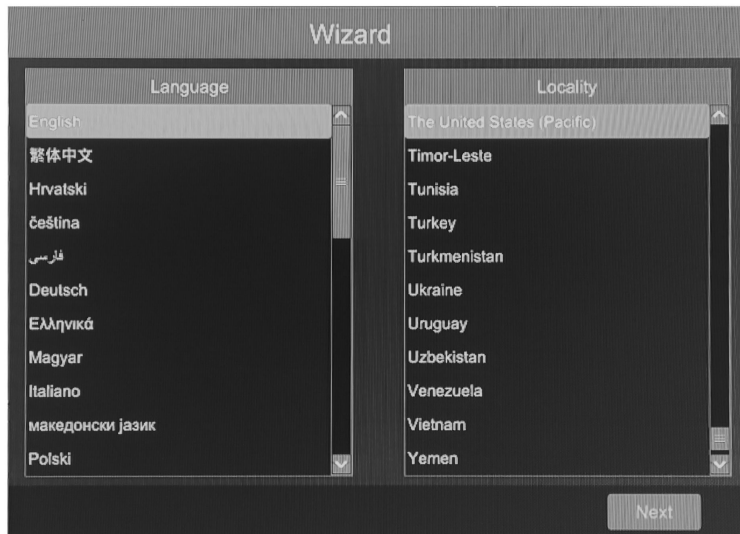
NOTE: The camera will make a faint clicking sound when the power is activated.

- D.** Turn on the NVR's power switch (if present). The NVR may beep as it powers up and the Startup Wizard will appear on-screen after a few minutes.

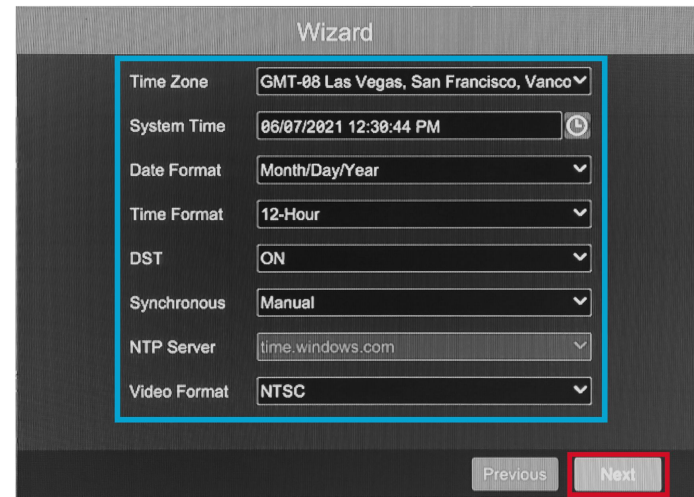


Step 6: Startup Wizard

In order to effectively use the search functions and maintain accurate recordings, you must complete the Startup Wizard. First select your desired language and locality.

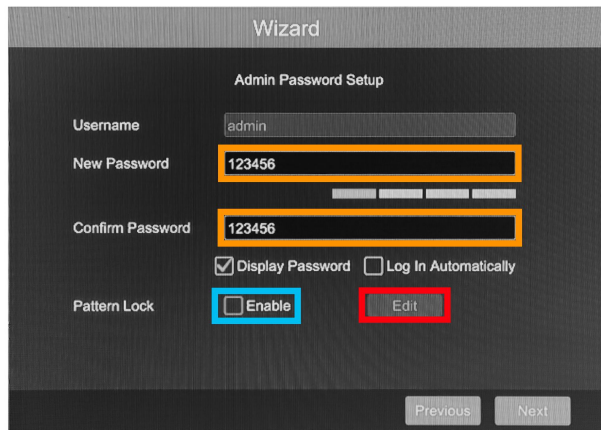


- A. Set the current **Date and Time**. Click **Next** to proceed to the Network Setup.



NOTE: If you will be connecting the NVR to the internet, enabling Time server allows the NVR to check a network server in order to maintain accurate time. Setting the start and end dates of Daylight Savings Time (DST) will allow your NVR to automatically adjust its internal clock.

- B. Enter the **New Password** for your system. Enter the new password again in the **Confirm Password** field. Click **Enable** to use a Pattern Lock as the default unlock method, then click **Edit** to create the pattern



Wizard

Admin Password Setup

Username: admin

New Password: 123456

Confirm Password: 123456

Display Password Log In Automatically

Pattern Lock: Enable Edit

Previous Next

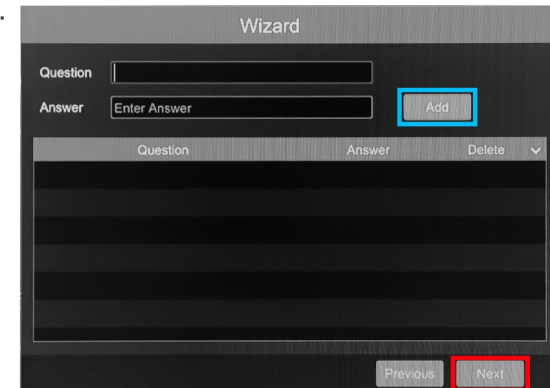
Please write down your new password in the space provided below:

Username: **admin**

Password: _____

NOTE: Password is case sensitive.

- C. Create a security question in case you forget your password.



Wizard

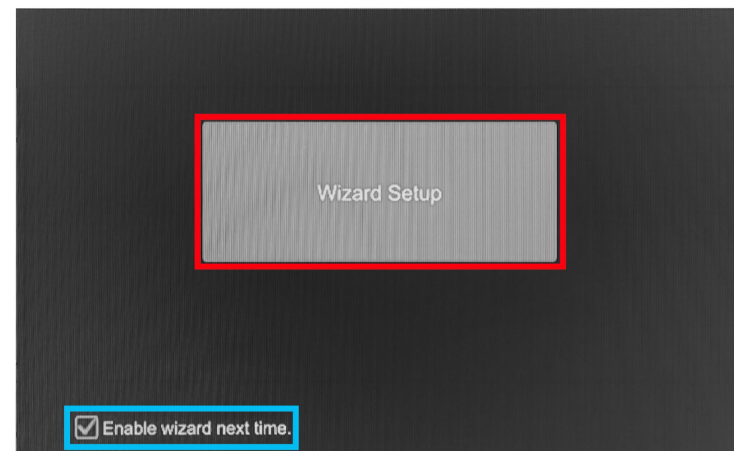
Question: []

Answer: Enter Answer [Add]

Question	Answer	Delete

Previous Next

- D. To prevent the wizard from appearing after each reboot, uncheck **Enable wizard next time**. Click **Wizard Setup** to continue.



Wizard Setup

Enable wizard next time.

E. Proceed with the network setup.

Wizard

Network Settings > Add Camera > Record Settings > IP Code > Cloud Upgrade

Ethernet Port 1 (Online) Internal Ethernet Port (Online)

Obtain an IP address automatically

Address: 192 . 168 . 1 . 55 Address: 10 . 151 . 151 . 1

Subnet Mask: 255 . 255 . 255 . 0 Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

Obtain DNS automatically

Preferred DNS: RTSP Port: 554

Alternate DNS: Server Port: 6836

HTTP Port: 80 HTTPS Port: 443

Previous **Next** Cancel

F. (Optional) Add cameras that are on your network but not directly connected to your NVR.

Wizard

Network Settings > Add Camera >

No.	Address	Edit	Port	Protocol	Model	Version	Add
1	192.168.1.12		80	Onvif CAM	ONVIF		+
2	192.168.1.64		80	HIKVISION	DS-2CD2D1...		+
3	192.168.1.64		80	HIKVISION	DS-2CD2D1...		+
4	192.168.1.168		80	Onvif CAM	ONVIF		+
5	192.168.1.201		9808	TVT	TD-9432E	3.4.2	+
6	192.168.1.202		9808	IP Camera	9443E1	3.4.2	+

Remain Bandwidth: 80 / 80 Mb Refresh Add All Delete All

No.	IP Camera Name	Address	Protocol	Status	Edit	Delete

Previous Next Cancel

G. Select your preferred recording method or leave it on auto.

Wizard

Network Settings > Add Camera > Record Settings >

Mode: Auto

Motion Record

Sensor Record

Motion Record+Sensor Record

Always(24x7) Record+Motion Record

Always(24x7) Record+Sensor Record

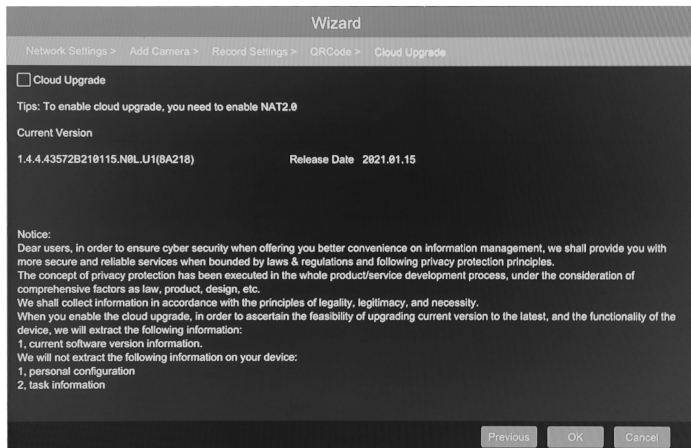
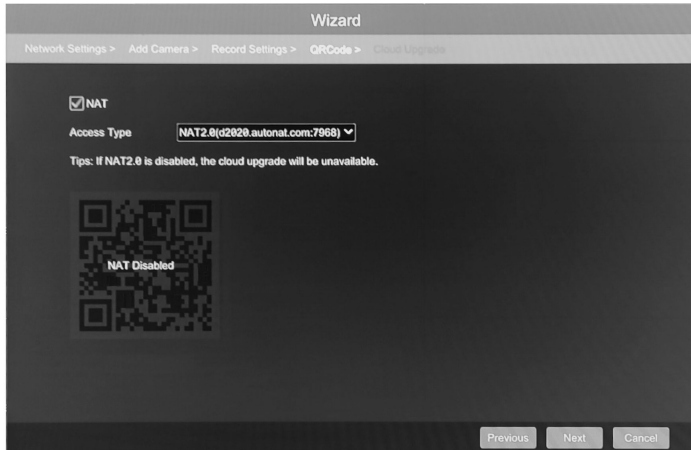
Always(24x7) Record+Motion Record+Sensor Record

Always(24x7) Record+Motion Record+Sensor Record+AI Record

Advanced

Previous **Next** Cancel

H. Proceed with the QRCode and Cloud Upgrade steps



Step 7: Setting Up the SuperLive Plus Mobile App

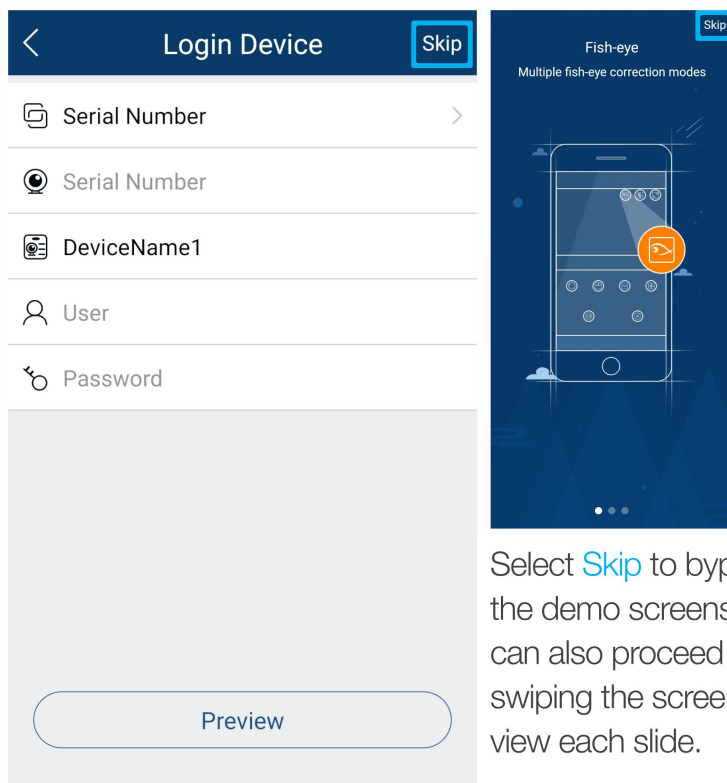
Download the free SuperLive Plus app to your mobile device, available for both Android and iOS.



NOTE: Please do not log in to the app yet.

To view your cameras on your mobile device, you will need to add your NVR to the SuperLive Plus Mobile App.

- A.** Launch the SuperLive Plus Mobile App, you may skip any tutorials. Enter the NVR's Serial Number (SN) or IP/Domain Name.



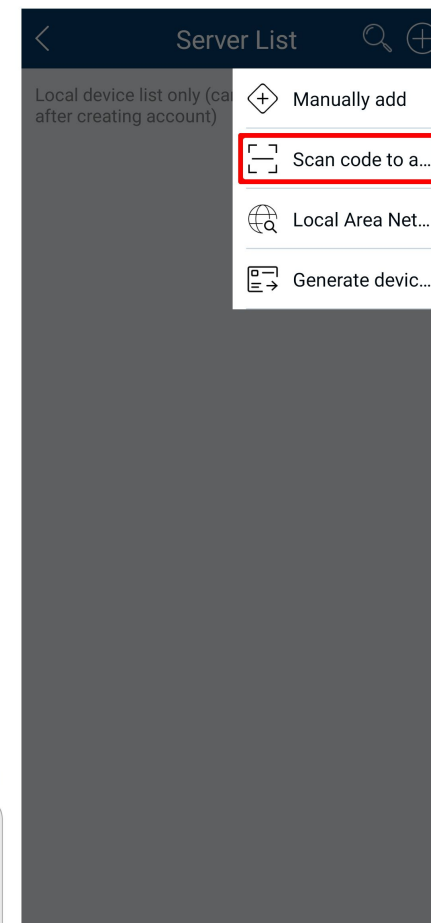
Select **Skip** to bypass the demo screens. You can also proceed by swiping the screen to view each slide.

- B.** To add your NVR by QR code, go to the server list and select **Scan code**

- C.** Scan the QR Code on the label on top of your NVR with your mobile device.

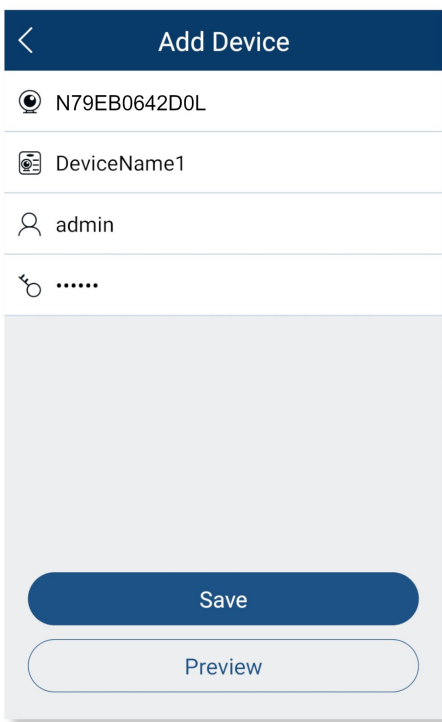


NOTE: The QR code can also be found by going to Settings → System → Information on the NVR.



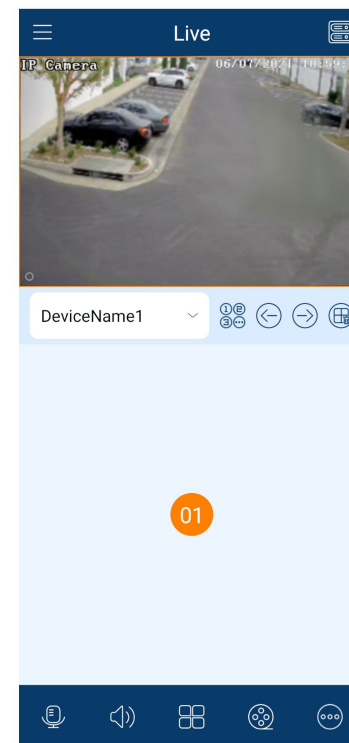
NOTE: All screenshots shown are from Android. The app may show "Preview" in place of "Play" button on iOS devices.

- D. Once scanned, the App will return to the Login screen. The NVR's ID will appear in the SN (Serial Number) section. Enter the **password** for your NVR and select **Play**.



If you did not change the password in Step 8C, the default login credentials are:
Username: **admin**
Password: **123456**

- E. You have now successfully connected to your cameras.

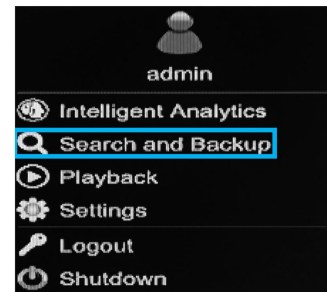


Step 8: Adding Additional Mobile Devices

After completing the process on your first mobile device, repeat Step 7 with a new mobile device if desired.

Video Search, Playback and Backup

Your NVR records video captured by your cameras to its internal hard drive. These records can be accessed by selecting **Search and Backup** in the menu. You can search for video that was recorded during a certain time, by type of recording, and by reviewing snapshots of recordings.



Search by Time: This is the best way to search one or more cameras to identify an incident.

Search by Event: This allows you to search through incidents which the system has flagged, one camera at a time.

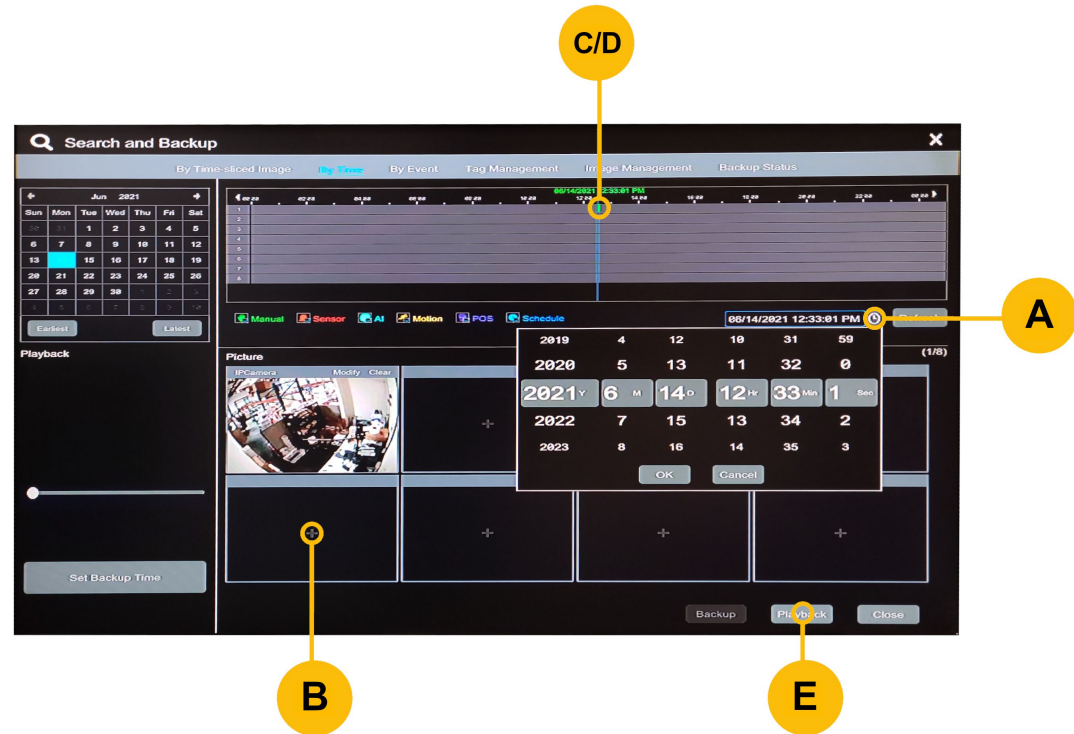
More info on these recording functions are included in the next section.

Searching by Time

- A. Set the date and time of your search
- B. Select which camera(s) to search.
- C. Recordings for the camera(s) chosen will appear on the timeline.

Playback

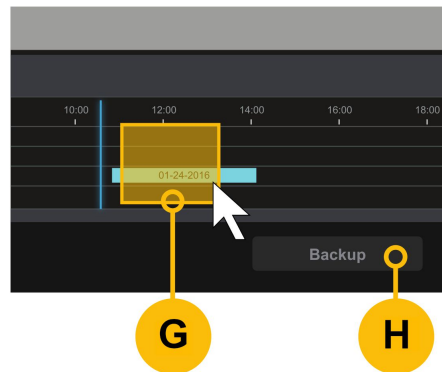
- D. Click on the timeline where you want playback to start. The blue time marker will snap to that position.
- F. Click *Playback*. Once finished, click *Exit* to return back to this screen.



Backup

- G. Click and drag on the timeline to select the video(s) to back up.
- H. Press *Backup*

Insert a USB flash drive into the port on the front of the NVR and follow the on-screen instructions.



Searching by Event

- A. Set the start and end times of your search.
- B. Select which camera(s) to search.
- C. Click *Search*
- D. Video recorded during the search period will appear in a list.
- E. Refine your search by selecting the type of event.



Playback

- F. Select a file to view and press *Playback*

Backup

- G. Select the file(s) you want to backup and press *Backup*

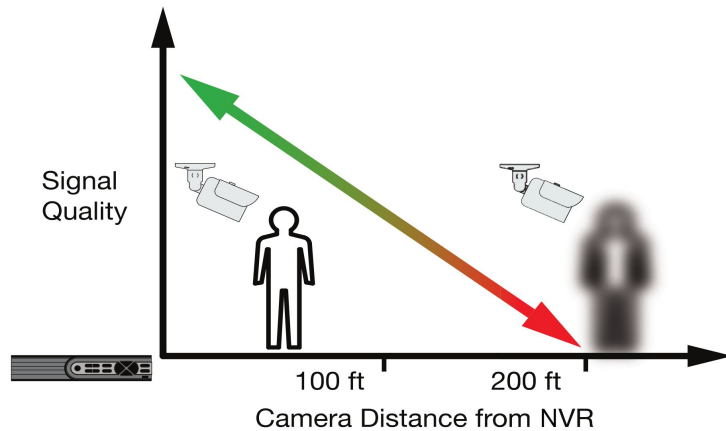
Insert a USB flash drive into the port on the front of the NVR and follow the on-screen instructions.

Get the Most Out of Your Acelevel Cameras

Follow these tips to maximize the life and performance of your cameras.

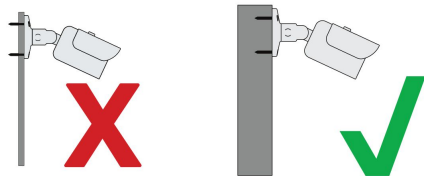
Distance From Viewing/Recording Device

Walls & floors will affect signal strength, especially concrete.



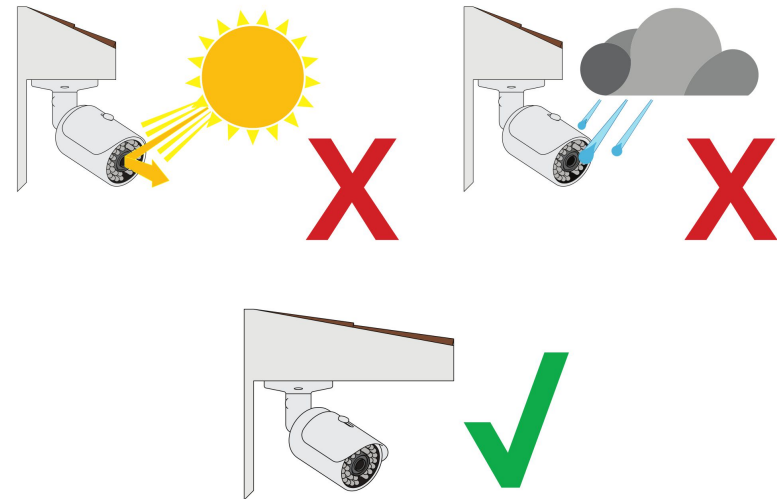
Mounting Surface Thickness

Mount your camera on a wall that is at least 2.5" thick.

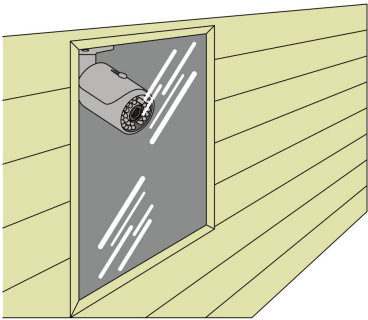


Avoid direct exposure to weather

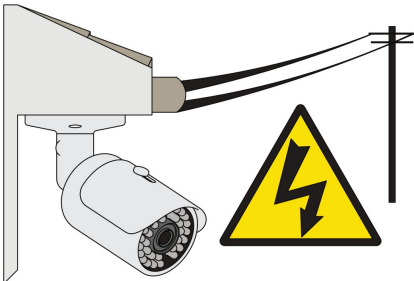
Mount your camera under an eave or awning if possible.



Do not place camera behind a window

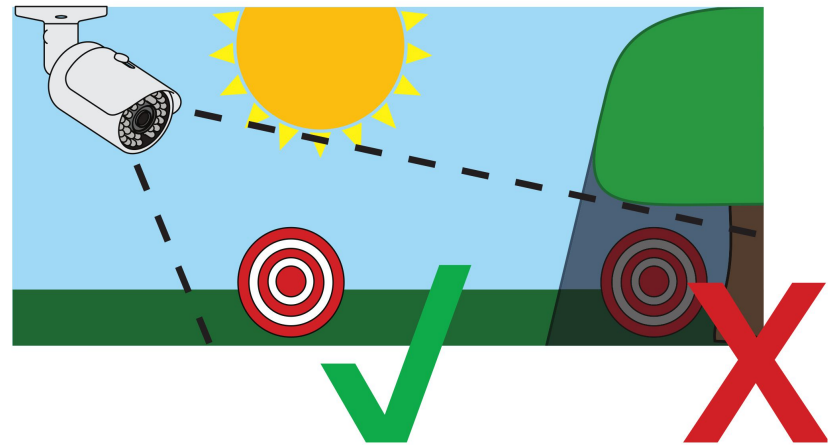


Do not place near high-voltage wires or other sources of electrical interference



Light levels should be approximately the same between camera and target area

Consistent lighting conditions will provide optimal camera performance.



Legal Considerations

Always check state and local laws before installing cameras. (2011 NEC 820.44)

Troubleshooting

Testing for Power and Night Vision

After you connect your camera to the NVR and power, if you do not see a video image on screen and your NVR does not display a “video loss” message, you should test your camera to ensure it is properly connected.

1. With your camera(s) still connected to power, cover the lens end of your camera with your hand or an object to completely block it.



2. Keep the lens blocked for 10 seconds. You should see a faint red glow from the infrared LEDs. This indicates that your camera has power and is working properly.

If you still do not have a video signal from the camera, ensure that the video cable is properly connected to both the camera and the NVR as shown in Step 2 on page 5.

Other Tests

- Connect the camera to a cable that has a working camera attached. If the camera works, the cable will need to be replaced through the RMA process and you can visit www.acelevel.us/support for more info.
- Connect the cable to a different channel on the NVR. If you see video, then the culprit is a bad channel input and the NVR will need to be replaced through RMA.

Advanced troubleshooting and information is all available on our website at:
www.acelevel.us/support

Glossary

BNC: Bayonet Neill–Concelman connector is a miniature quick connect/disconnect radio frequency connector used for coaxial cable.

CVBS/Spot Out Adapter: Converts from CVBS fitting to composite RCA fitting.

NVR (Network Video Recorder): Cameras connect directly to the recorder using ethernet connections

IP (Internet Protocol): IP devices communicate with each other via a local network or over the Internet.

Language: This is the language the DVR will use.

Local IP Address: The DVR's address on your local area network (LAN).

NTP (Network Time Protocol): This maintains the accuracy of the DVR's clock. Check the box to turn on.

Warranty & Support

Acelevel is always here to answer your questions and take your values suggestions. Our focus is providing excellent customer support and always working to improve our customers' experience.

Please do not hesitate to call us at **1-909-366-5464** Monday-Friday 8:45 AM - 4:45PM PST.

Visit **www.acelevel.us/support** for 24/7 support and access to our online Support Portal.

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