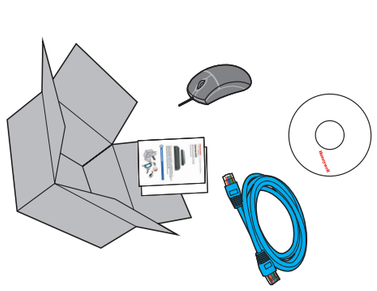
Honeywell

Performance Series Embedded NVR

Quick Connection Guide

Thank you for purchasing a Honeywell Performance Embedded NVR. Follow the instructions in this guide to install and log in to your NVR. For instructions on configuring any cameras, refer to the *Performance Network Video Recorder User Guide* (https://www.honeywellvideosystems.com/tools/HEN3_UG/) on the software and documentation CD that came with your NVR.
If you require additional assistance, please call the number shown below.

1 Unpack Everything



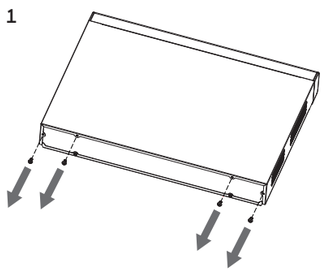
HEN040*3V, HEN041*3V, HEN041*3LV, HEN081*3LV, HEN161*3LV

HEN161*3V, HEN081*3V

2 Install the Hard Disk

For Dual-Disk

1



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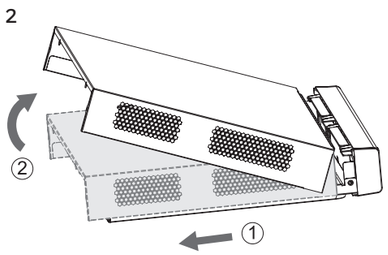
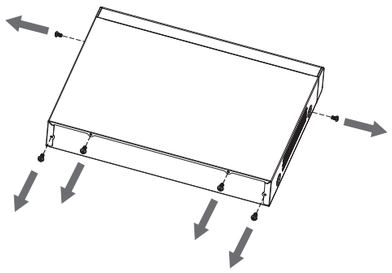


For Single Disk

1



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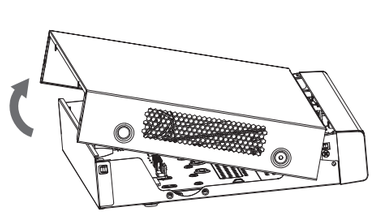

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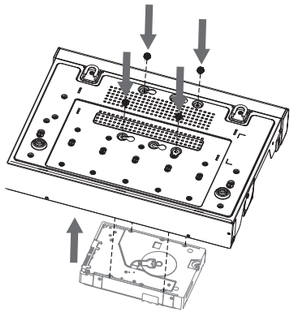

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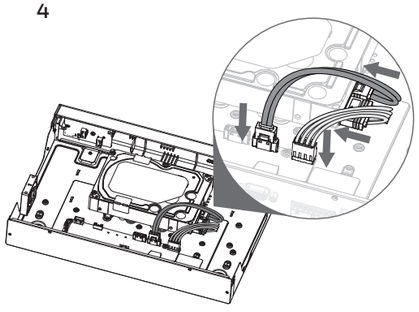

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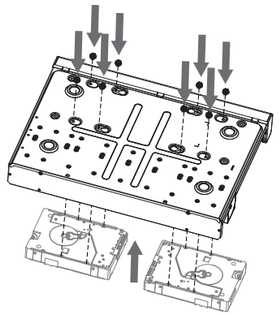

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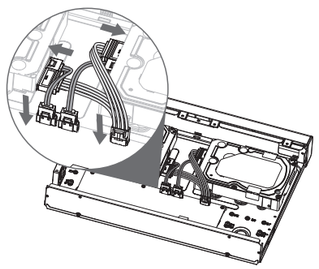

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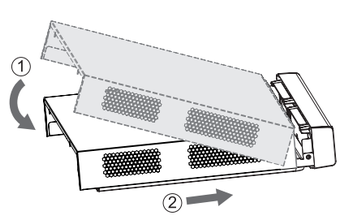

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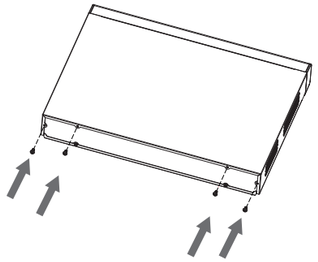

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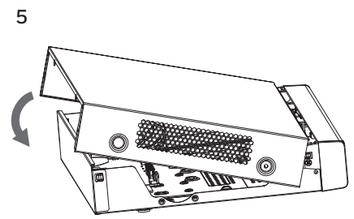

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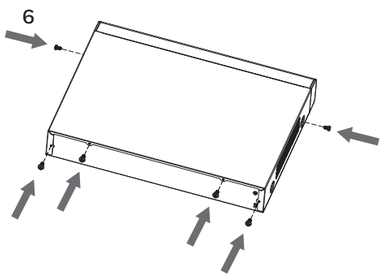
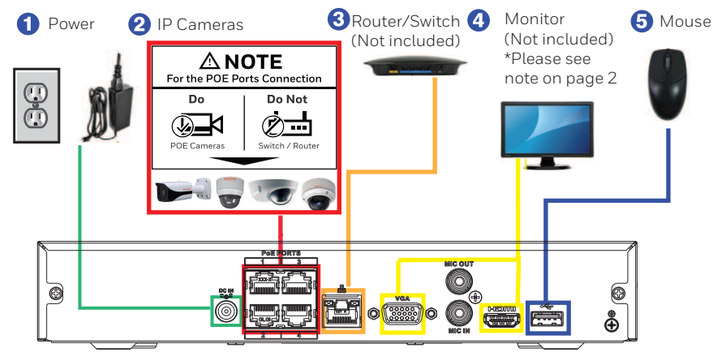


3 Connect Your System

Follow the diagram below to connect your NVR system.

HEN040*3V (*=storage in TB)



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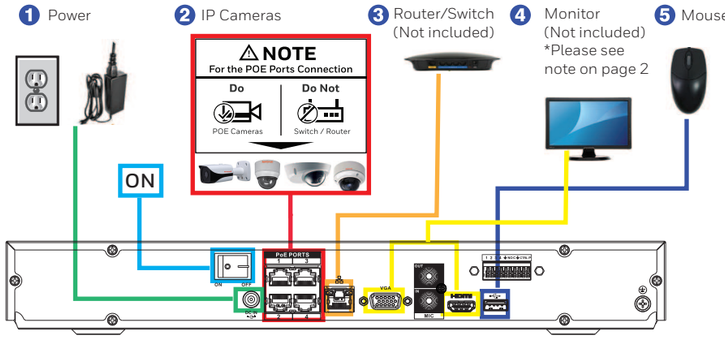

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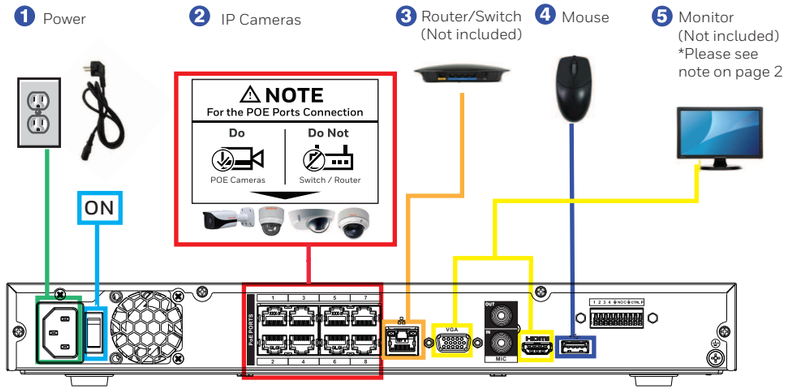
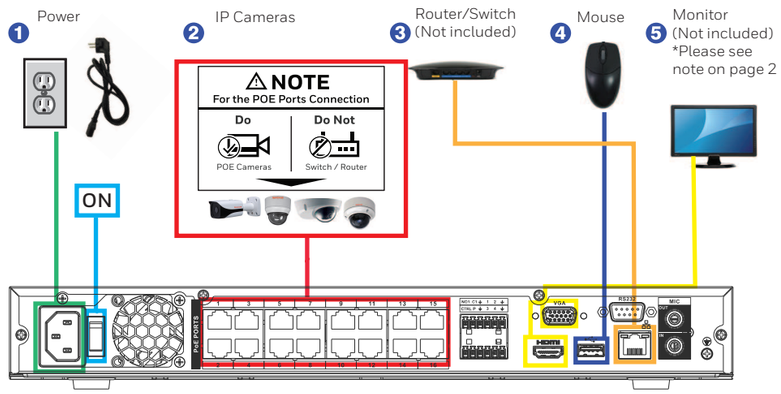
Asia Pacific: +86 400-840-2233 www.asia.security.honeywell.com
Europe: +44 (0) 1928 378005 www.security.honeywell.com/uk

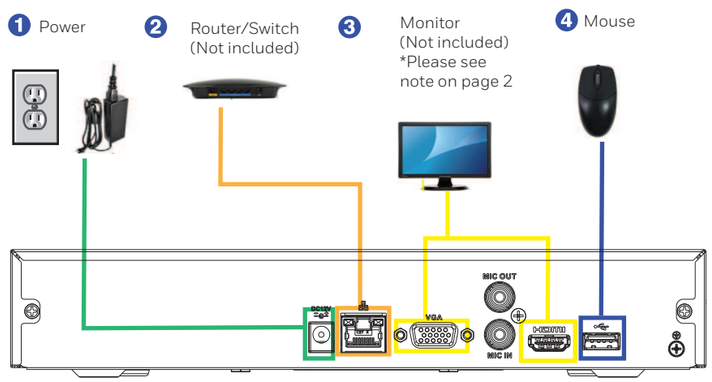
HEN081*3V (*=storage in TB)



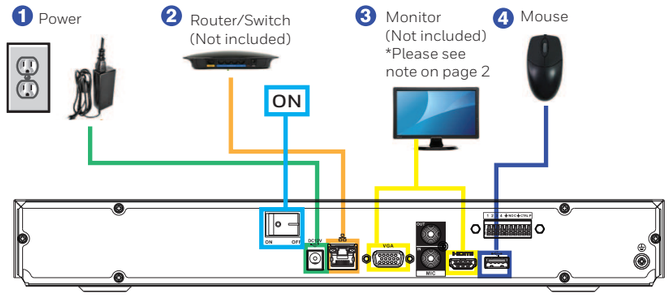
HEN161*3V (*=storage in TB)



HEN04103LV / HEN08103LV



HEN16103LV



4 Using the Mouse

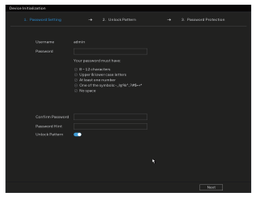
1 Left mouse button
- Click to open the Navigation bar.
- During split-screen display: Double-click an individual channel to view it. Double-click it again to return to split-screen mode.

2 Right mouse button
- During Live view: Right click anywhere on the screen to open the Quick menu.
- Within systems menus: Right click to exit the menus.

3 Scroll wheel
- Use to change menu options.

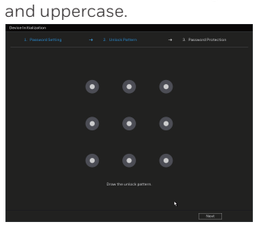
5 Device Initialization

When the NVR has booted up, the system enters the Device Initialization page.



1 Enter Password

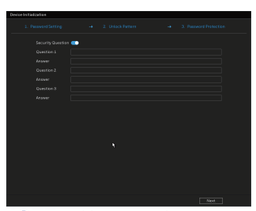
Enter the password according to the password requirements.
The default username is **admin**.
Note: You can use the USB mouse to change the password.
Click to switch the input mode between numbers and English letters; click **Shift** to change between lowercase and uppercase.



2 Unlock Password

Draw the unlock patterns.

Note: You will be asked to draw two times of patterns.
Make sure they are the same.



3 Password Protection

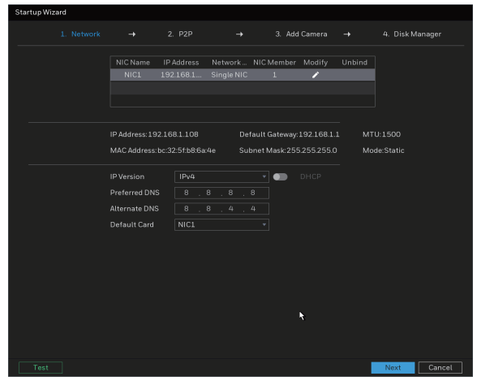
Enter the Security Questions.
Note: You have to enter all the three security questions.

NOTE: Users can later on use either the password or password pattern to log in to the system.

6 Startup Wizard

1 On first log in, the Startup Wizard page appears.
In the Startup Wizard, you can do the following:
- Configure the network settings.
- Configure P2P.
- Search for and add IP cameras.
- Configure Disk Manager.

Make changes in each window, click **Next** to navigate to the next window in the Startup Wizard.

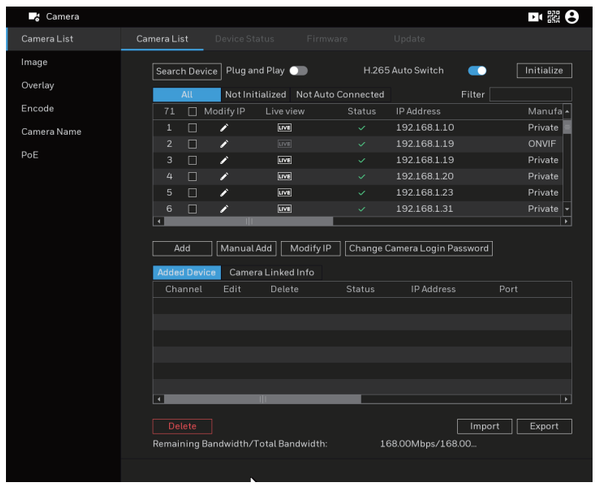


2 Click **OK** to complete the process.

7 Connect to Remote Devices

If you did not connect to IP Cameras when using the Setup Wizard, use the **Camera** configuration window under **Setting** in the **Main Menu**.

1 Go to **Main Menu > Camera > Camera List > Camera List**, you can add remote devices.



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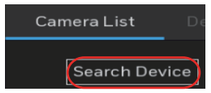
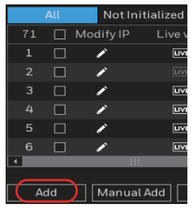
2 Connect a camera to a router or switch on the same network as the NVR.

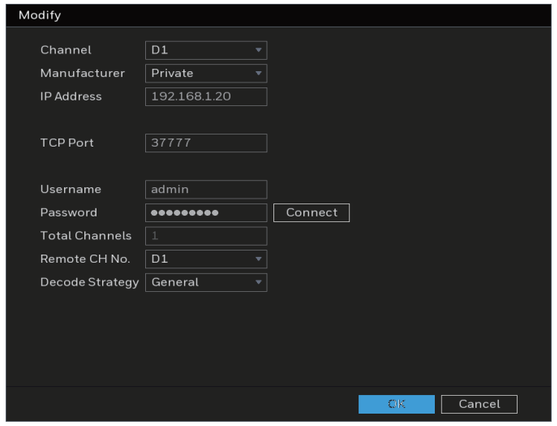
3 Click **Search Device.**



4 Check the cameras you want to add, then click **Add.**

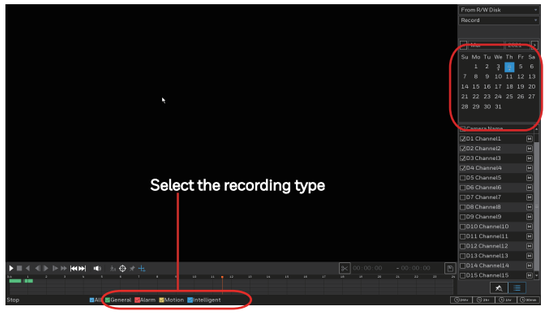


5 If the Status indicator is green, then the camera is connected, and no further configuraiton is required. Click **Next** to save the changes.
If the Status indicator is red, then click to update the following information as needed.



8 View Recorded Video

1 Right-click in the main viewing mode, and then choose **Search**.



Calendar

2 Use the drop-down menus to select the channels you want to play.

3 Use the calendar on the right to search for the exact date for playback.

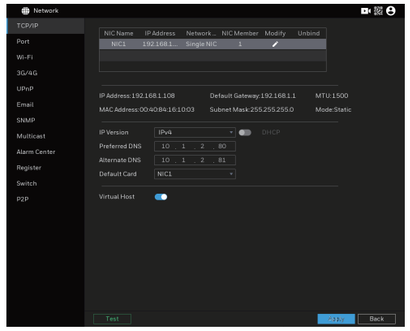
4 Click the playbar at the bottom to select the exact playback time.

9 Local Network Setup

1 Configure the network setting as either **Fixed IP or DHCP**.

2 Ensure that the NVR can connect to the WAN.

Click to edit TCP/IP of the NVR.



NOTE: Change the default static IP address for the NVR and each added camera to avoid conflicts when adding additional IP cameras.

10 Router Port Mapping Setup

Port Range					
Application	Start	End	Protocol	IP Address	Enabled
HTTP	80	80	Both	192.168.1. 108	√
TCP	37777	37777	Both	192.168.1. 108	√

1 Map the TCP port to be 37777

2 Map the HTTP port to be 80

NOTE: The IP Address should be the NVR's IP address.

Regulatory Statements

Information to the User: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.
Increase the separation between the equipment and 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class A digital apparatus complies with Canadian ICES-003.

Cautions and Warnings

WARNING: Use only with the supplied power converters.

Caution: There is a risk of explosion if the battery is replaced by an incorrect type.Dispose of used batteries in accordance with local laws.

Caution: Installation and servicing should be performed only by qualified and experienced technicians to conform to all local codes and to maintain your warranty.

Important Safeguards:

Read and keep these Instructions.
Do not drop the equipment or subject it to physical shock.
This equipment is intended for indoor use. Do not expose this equipment to rain or moisture.
Do not place other devices on top of this equipment or block the ventilation openings.
Avoid operating or storing this equipment in extremely humid, dusty, hot/cold environments outside the recommended range of 14 °F to 131°F (-10 °C to 55°C).

Please be aware that this product can store personal data.
Personal data is protected by the General Data Protection Regulation (2016/679) in Europe and therefore the owners of personal data have obtained certain rights thanks to this regulation.
We strongly advise you to be fully aware of these owner ("data subjects") rights as well as which limitations you have to obey regarding the use and distribution of this data.
Further details can be found on the GDPR website of the EU:
https://ec.europa.eu/commission/priorities/justice-and-fundamental-rights/data-protection/2018-reform-eu-data-protection-rules_en

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