reolink NVS8, NVS16 PoE NVR System User Manual

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Operational Instruction

Apply to: NVS8/NVS16

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Contents

What's in the Box (NVR System)
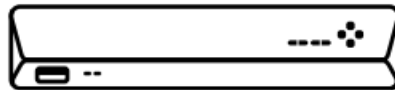
NVR
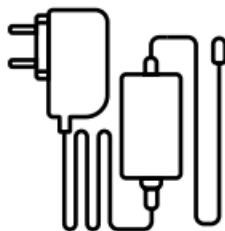
NVR Power Adapter   HDMI Cable

USB Mouse　　1M Network Cable　　Quick Start Guide
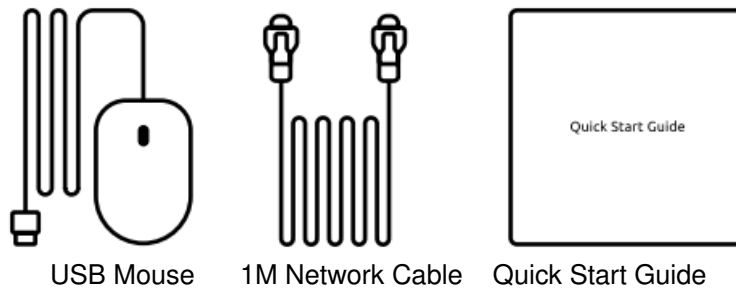
NVR Introduction

Model: NVS16
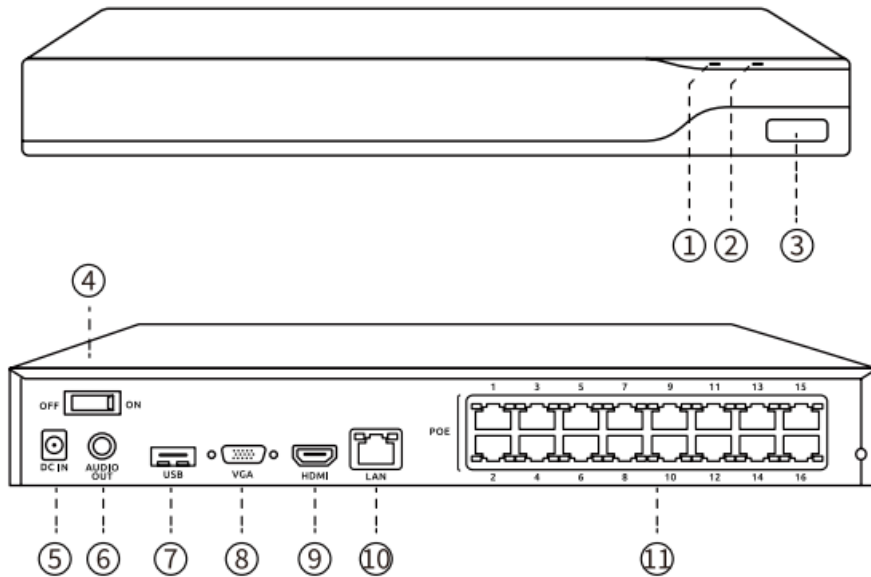
1. Power LED
2. HDD LED
3. USB PORT
4. Power Switch
5. Power Input
6. Audio Out
7. USB Port
8. VGA Port
9. HDMI Port
10. LAN Port
11. PoE Ports

Mount the Camera to the Ceiling
Power LED: Solid green to indicate the NVR is powered on.
HDD LED: Flashing red to indicate the hard drive is operating properly.
NOTE: Quantity and appearance of devices and accessories vary by different models that you purchase.

Model: NVS8

1. USB PORT
2. Power LED
3. HDD LED
4. Power Switch
5. Power Input
6. Audio Out
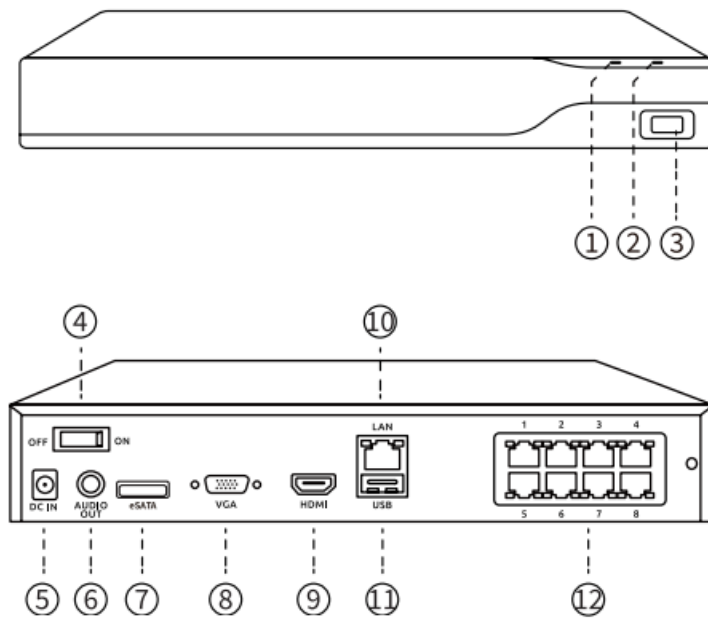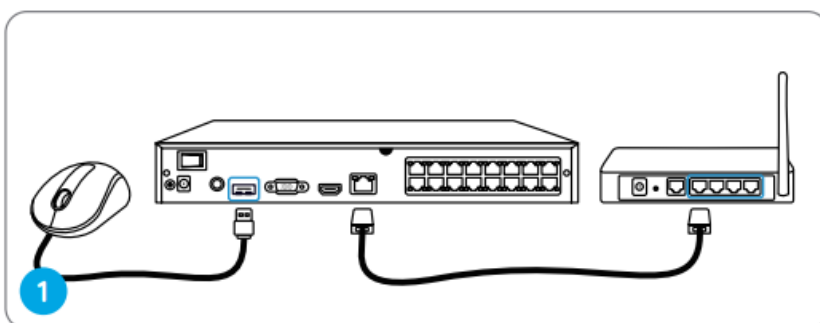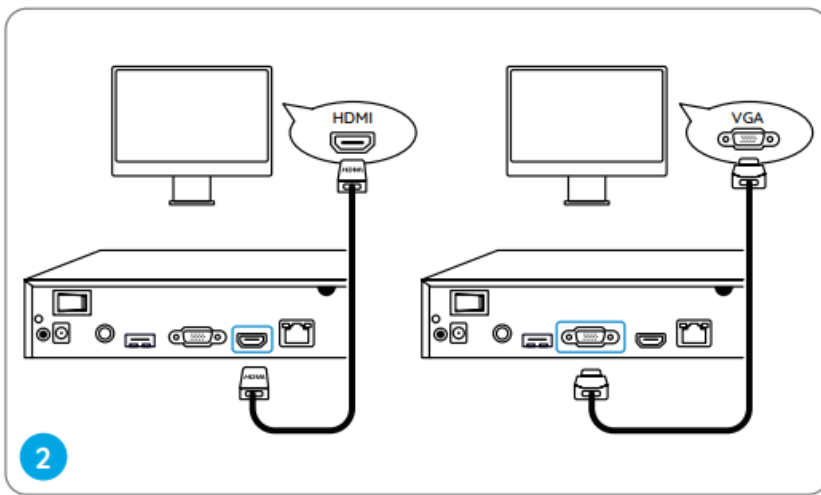7. eSATA Port
8. VGA Port
9. HDMI Port
10. LAN Port
11. USB Port
12. PoE Ports

Connection Diagram

Connect the NVR (LAN port) to your router with an Ethernet cable. Next, connect the mouse to the USB port of the NVR.

Connect the NVR to the monitor with a VGA or HDMI cable.

NOTE: There is no VGA cable included in the package.
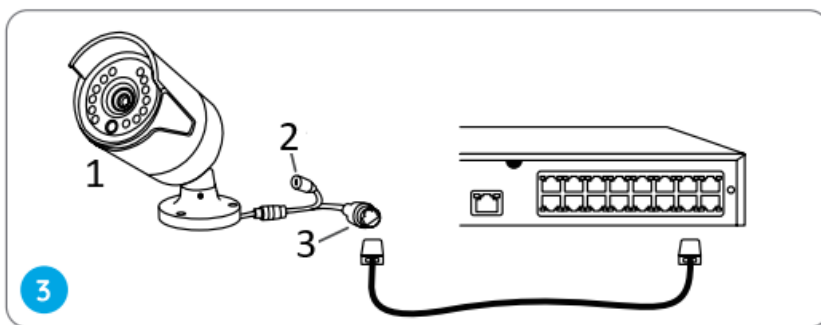
Connect cameras to PoE ports on the NVR.

1. IPC
2. DC Power
3. Network (LAN)
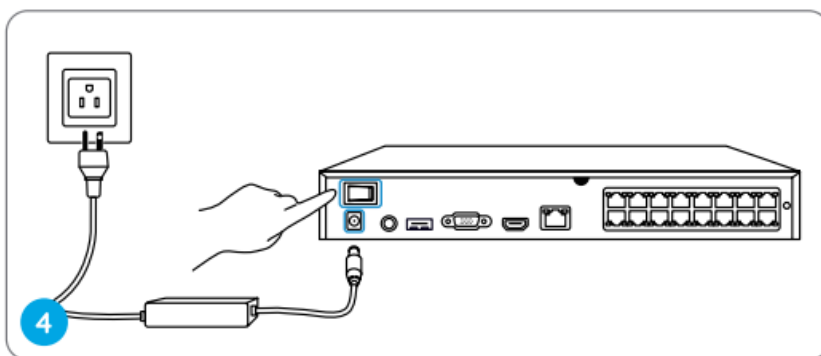
Connect the NVR to a power outlet and turn on power switch.

NOTE: Some Reolink WiFi cameras also work with Reolink PoE NVR. For more information, visit **https://support.reolink.com** and search Make Reolink WiFi Cameras Work with Reolink PoE-NVRs.

Set up PoE NVR System

A setup wizard will guide you through the NVR system configuration process. Please set a password for your NVR (for the initial access) and follow the wizard to configure the system.

NOTE: The password should be at least 6 characters. It is recommended that you note down the password and keep it in a secure place.

Access the NVR via Smartphone or PC

Download and launch the Reolink App or Client software and follow the instructions to access the NVR.

- **On Smartphone**

  Scan to download the Reolink App.

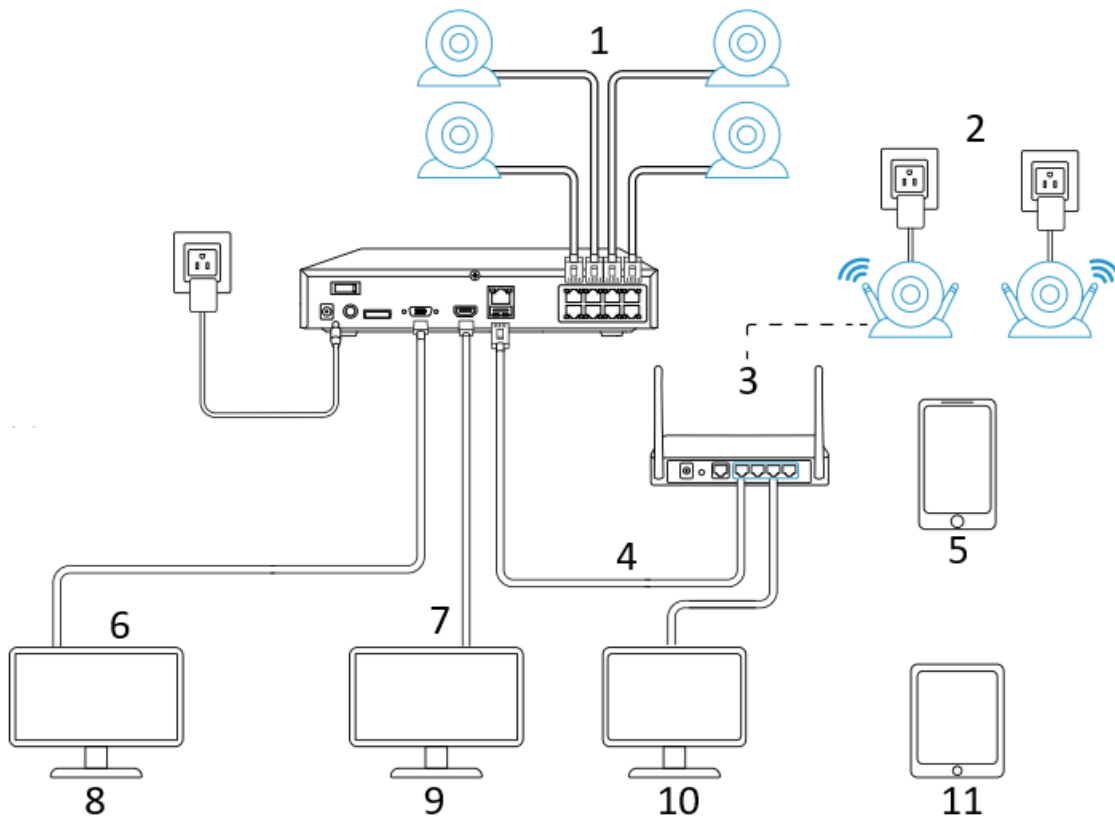- **On PC**

  Download path: Go to **https://reolink.com**>Support>App & Client.

Network Topology Diagram

1. PoE Camera
2. Wi-Fi Camera
3. Router
4. Ethernet Cable
5. Smart Phone
6. VGA
7. HDMI
8. Monitor 1

9. Monitor 2

10. PC

11. Tablet

NOTE: The NVR is compatible with both PoE and Wi-Fi cameras and allows the connection of up to 8 cameras(NVS8) or 16 cameras(NVS16).

Mount the Camera

Installation Tips

- Do not face the camera towards any light sources.
- Do not point the camera towards a glass window. Or, it may result in poor image quality because of the window glare by infrared LEDs, ambient lights or status lights.
- Do not place the camera in a shaded area and point it towards a welllit area. Or, it may result in poor image quality. To ensure the best image quality, the lighting condition for both the camera and the capture object shall be the same.
- Make sure the power ports are not directly exposed to water or moisture and not blocked by dirt or other elements.
- With IP waterproof ratings, the camera can work properly under conditions like rain and snow. However, it doesn't mean the camera can work underwater.

Troubleshooting

No Video Output on the Monitor

If there's no video output on the monitor from Reolink NVR, please try the following solutions:

- TV/monitor resolution should be at least 720p or above.
- Make sure your NVR is powered on.
- Double check the HDMI/VGA connection, or swap another cable or monitor to test.

If it still doesn't work, please contact Reolink Support **https://support.reolink.com**

Failed to Access the PoE NVR Locally

If you failed to access the PoE NVR locally via mobile phone or PC, please try the following solutions:

- Connect the NVR (LAN port) to your router with a network cable.
- Swap another Ethernet cable or plug the NVR to other ports on the router.
- Go to Menu -> System -> Maintenance and restore all settings.

If it still doesn't work, please contact Reolink Support **https://support.reolink.com**

Failed to Access the PoE NVR Remotely

If you failed to access the PoE NVR remotely via mobile phone or PC, please try the following:

- Make sure you can locally access this NVR system.
- Go to NVR Menu -> Network -> Network Advanced and make sure that UID Enable is selected.
- Please connect your phone or PC under the same network (LAN) of your NVR and see if you can visit any website to verify whether there is Internet access available.
- Please reboot your NVR and home router and try again.
- If it still doesn't work, please contact Reolink Support **https://support.reolink.com**

Specifications

Video/Audio Output

HDMI Output: Up to 8MP
VGA Output: Up to 2MP
Audio output: 1CH RCA

Decoding
Decoding Resolution: 16MP/12MP/8MP/5MP/4MP/3MP/1080p/720p
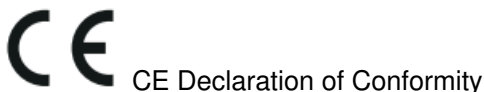Video Format: H.264,H.265
Synchronous Playback: Up to 4 Channels

NVR
Operating Temperature: -10°C to 45°C

Camera
Operating Temperature: -10C to 55°C (14°F to 131°F)

Notification of Compliance

$C\mkern-2mu E$ CE Declaration of Conformity

Reolink declares that this device is in compliance with the essential requirements and other relevant provisions of EMC Directive 2014/30/EU and LVD 2014/35/EU.

FCC Compliance Statement

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B 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.

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

ISED Compliance Statements

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

Correct Disposal of This Product

This marking indicates that this product should not be disposed with other household wastes. throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

Limited Warranty

This product comes with a 2-year limited warranty that is valid only if purchased from Reolink Official Store or a Reolink authorized reseller. Learn more: **https://reolink.com/warranty-and-return/**.

Terms and Privacy

Use of the product is subject to your agreement to the Terms of Service and Privacy Policy at reolink.com. Keep out of reach of children.

Technical Support
If you need any technical help, please visit our official support site and contact our support team before returning the products: **https://support.reolink.com**.

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Documents / Resources

	reolink NVS8, NVS16 PoE NVR System [pdf] User Manual NVS8, NVS16, NVS8 NVS16 PoE NVR System, NVS8 NVS16, PoE NVR System, NVR System, System

References

- **Reolink Official: Security Cameras and Systems for Home & Business**
- **Reolink Official: Security Cameras and Systems for Home & Business**
- **Warranty & Return – Reolink**
- **Reolink Support - Official Reolink Help Center**
- **User Manual**