Manuals+ — User Manuals Simplified.

FS NVR Network Video Recorders User Guide

FS NVR Network Video Recorders User Guide

Contents

Introduction

Thank you for choosing the Network Video Recorders (NVRs). This guide is designed to familiarize you with the structure of the NVRs and describes how to deploy them in your network.
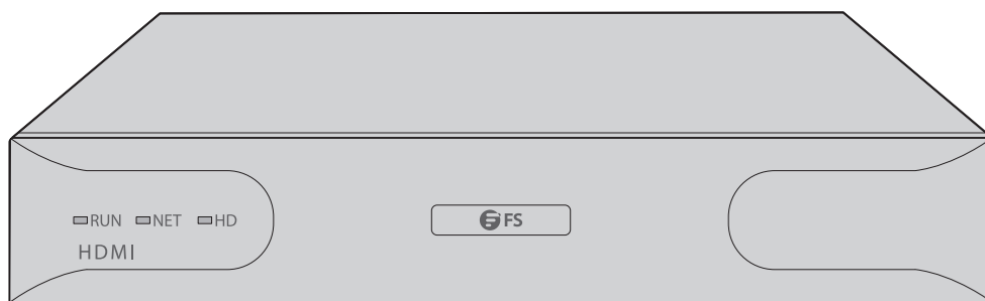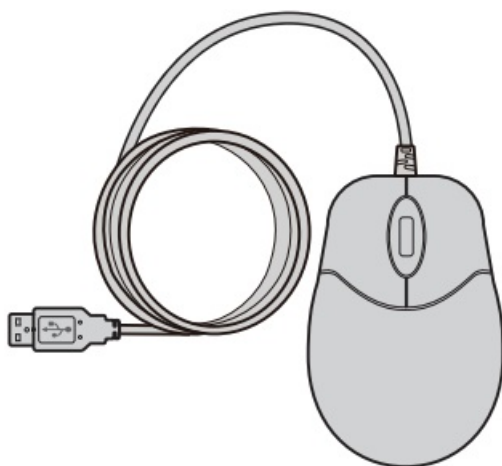
NVR101-8C-8P/NVR101-8C

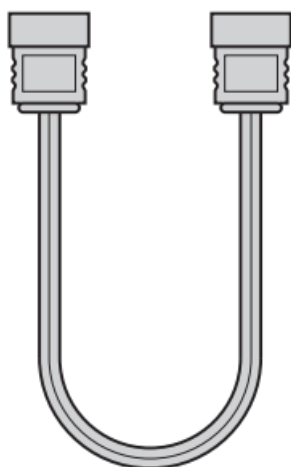NVR102-9C/NVR102-8C-8P/NVR102-16C/NVR102-16C-16P

Accessories
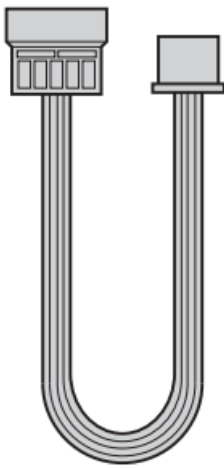
NVR101-8C/NVR101-8C-8P/NVR102-9C/NVR102-16C

- Mouse x1

- Hard Disk Data Cable x1
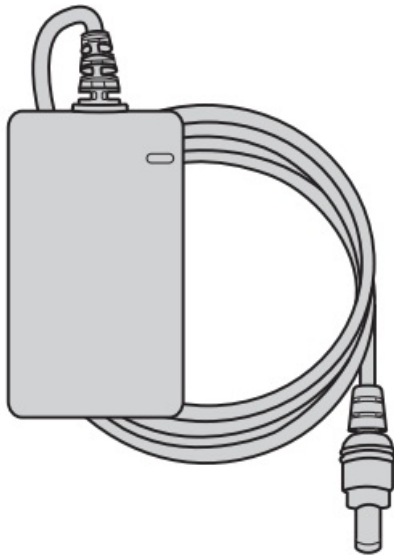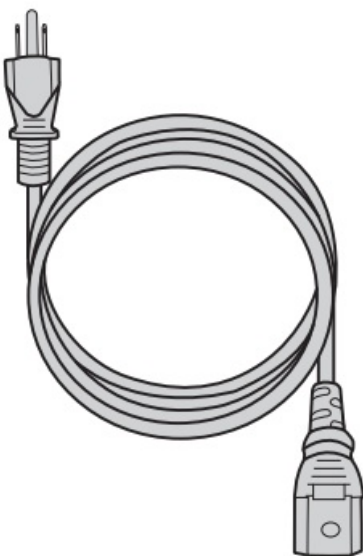

- Hard Disk Power Cable x1

- Hard Disk Screw x4

- Power Adapter x1

- Power Cable x1 (Not for NVR101-8C)

NOTE: This power cord is an exclusive product for AC adapters. Do not use this power cord with other devices. Also, do not use this power cord with other AC adapters.

- Mouse x1

- Hard Disk Data Cable x2
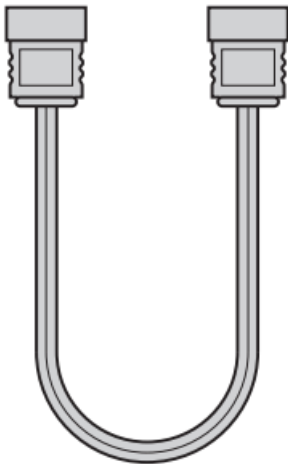
- Hard Disk Power Cable x2

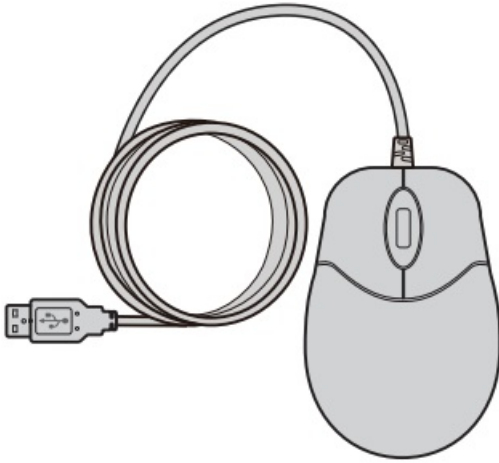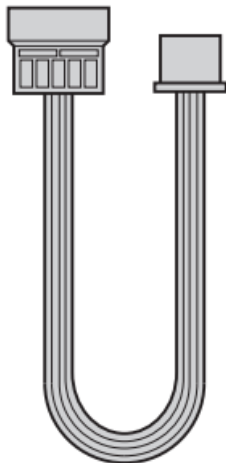- Hard Disk Screw x8

- Power Cord x1
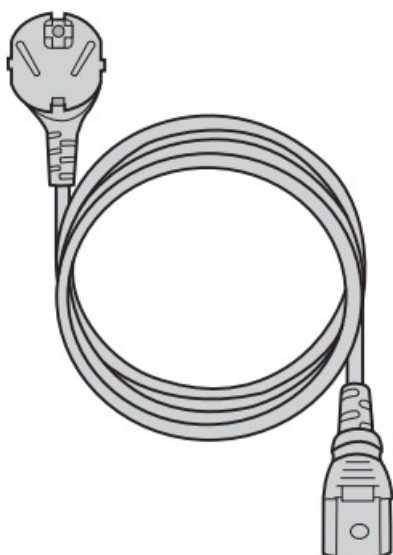
- Rubber Pad x4
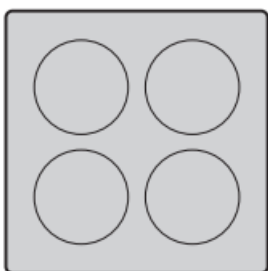
NOTE: This power cord cannot be used with other devices, and other power cords should not be used with this device.

Hardware Overview

Front Panel

NVR101-8C-8P/NVR101-8C

NVR102-9C/NVR102-8C-8P/NVR102-16C/NVR102-16C-16P

LEDs	State	Description
RUN (Operation)	On	The device is normal.
	Blinking	The device is starting up.
NET (Network)	On	The device is connected to the net work.
HD (Hard Disk)	on	No disk or the disk is abnormal.
	Blinking	The disk is reading or writing data.

Port	Description
UsB	'Transmit data to and from external devices for user inter face control, backup or system firmware upgrades

Back Panel
NVR101-8C
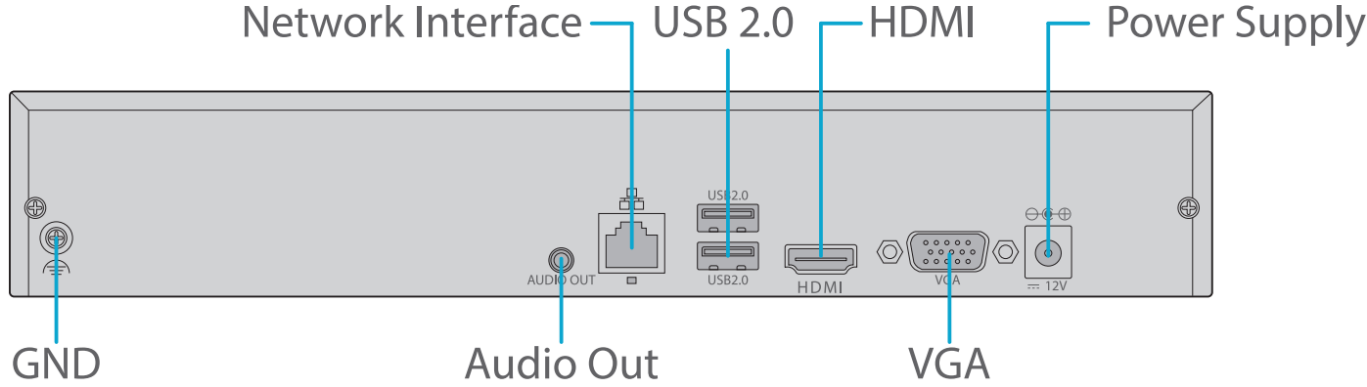
NVR101-8C-8P
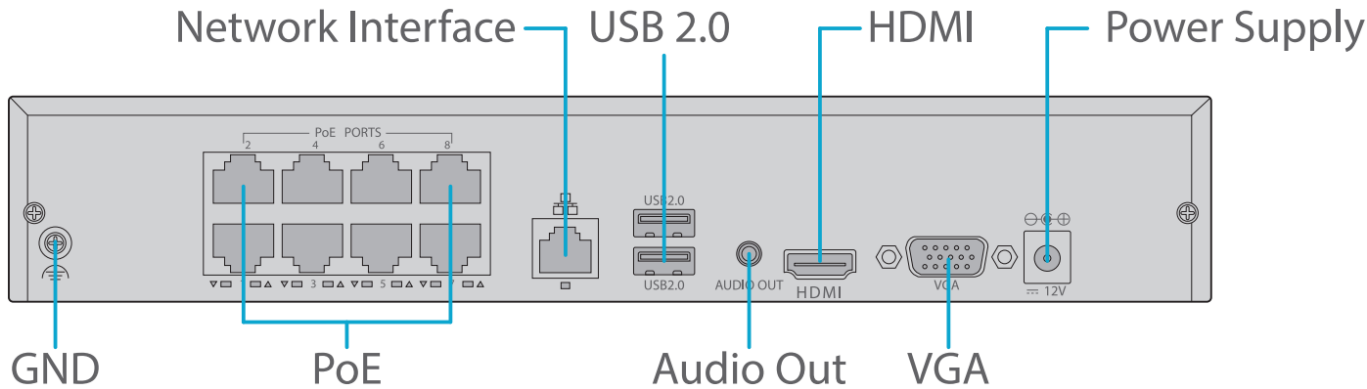
NVR102-9C/NVR102-16C

NVR102-8C-8P

NVR102-16C-16P

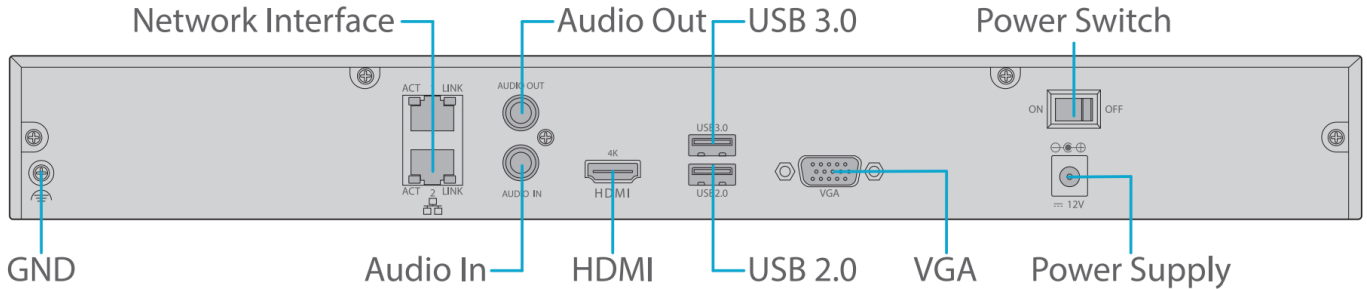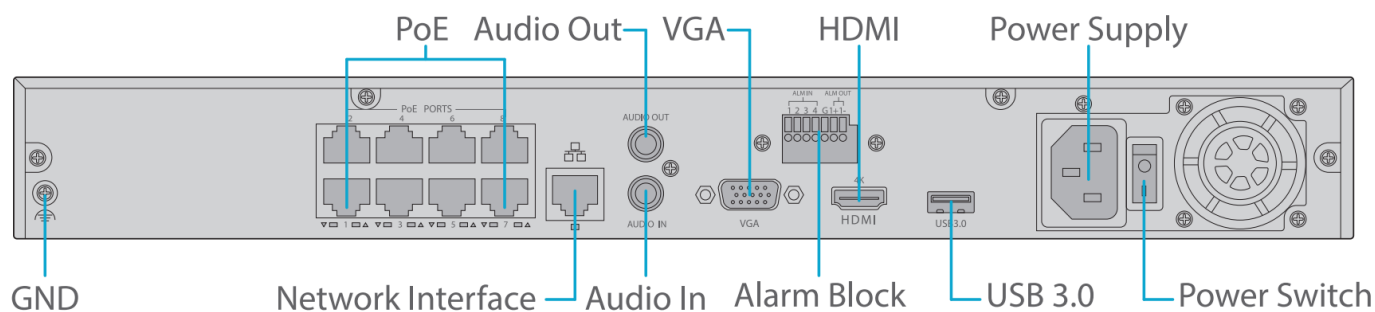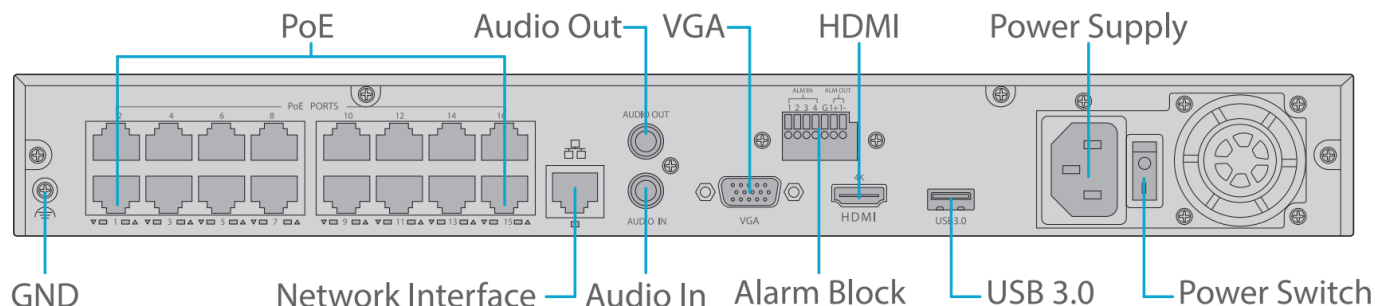| Interface	Description
Audio In	Connect to audio-enabled cameras or self-powered microphones
Audio Out	Connect to external speakers or aTV to play sound
Network Interface	Connect to the Internet and allow the video signals to be accessed
UsB2.0	Transmit data to and from external devices for user interface control, backup or system firmware upgrades
s 30	Transmit data for user interface control, backup or system firmware upgrades with a faster transfer rate and better power management
HOMI	Connect to smart TVs or compatible monitors for viewing
VGA	Connect to computer monitors or TVs for viewing
Alarm Block	Connect to compatible alarm devices
Power Supply	Connect the male end of a power adapter or power cord to provide power
PoE	Connect to IP cameras and provide power for them
GND	Grounding Point
Button	Description
Power Switch	Turn on/off the power supply.

Installation Requirements

Before the installation, make sure that you have the following conditions ready:

- Philips screwdriver, antistatic gloves or wrist straps.
- Standard-sized, 19″ wide rack with a minimum of 1U height available.

- Ethernet cables, HDMI cable and VGA cable.

Site Environment

- Store or use the product in a proper environment that meets the requirements, including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.
- Make sure to keep the operating temperature at 0°C to 40°C and the relative humidity at 10%to 95%.
- Theinstallation site must be well-ventilated.
- Ensure the product s level and stable to avoid any hazardous conditions.

Precautions

- Unless otherwise specified, do not stack devices.
- Disconnect power before you install or move the device.
  Do not disconnect the power when the device is operating or shutting down.
- Do not attempt to service the product yourself. Contact a trained professional for maintenance.

Hard Disk Installation
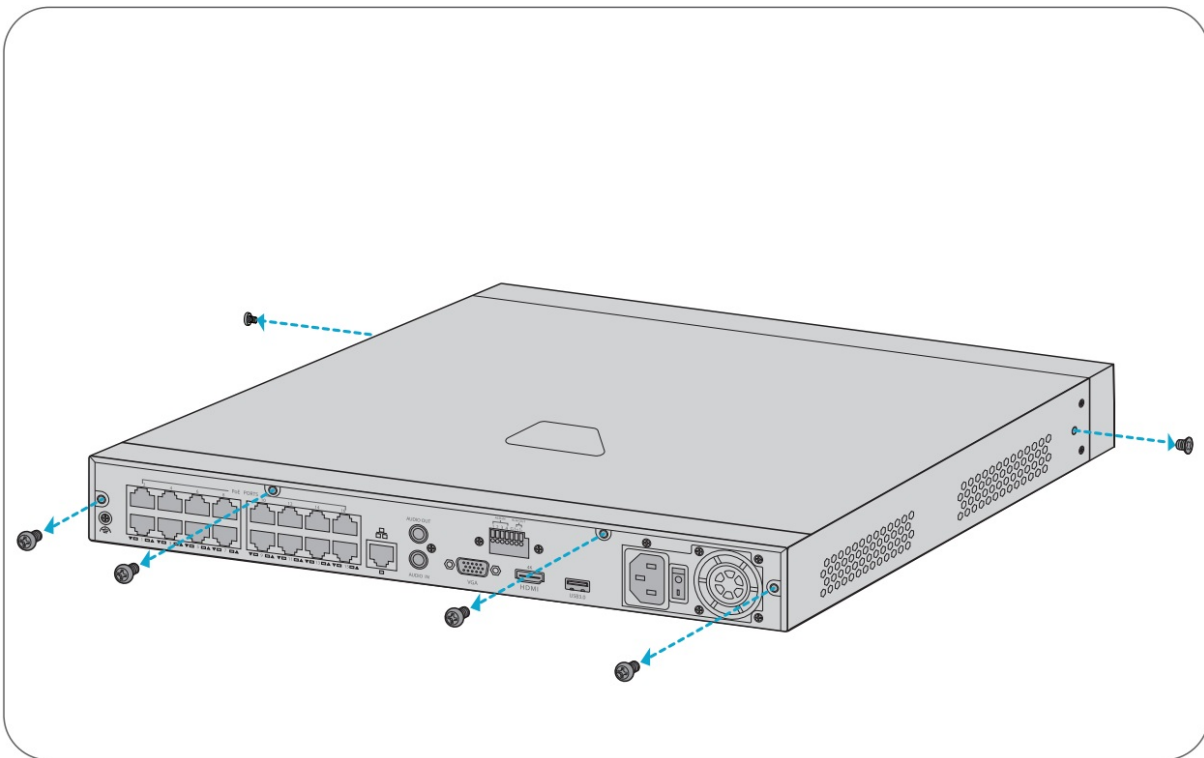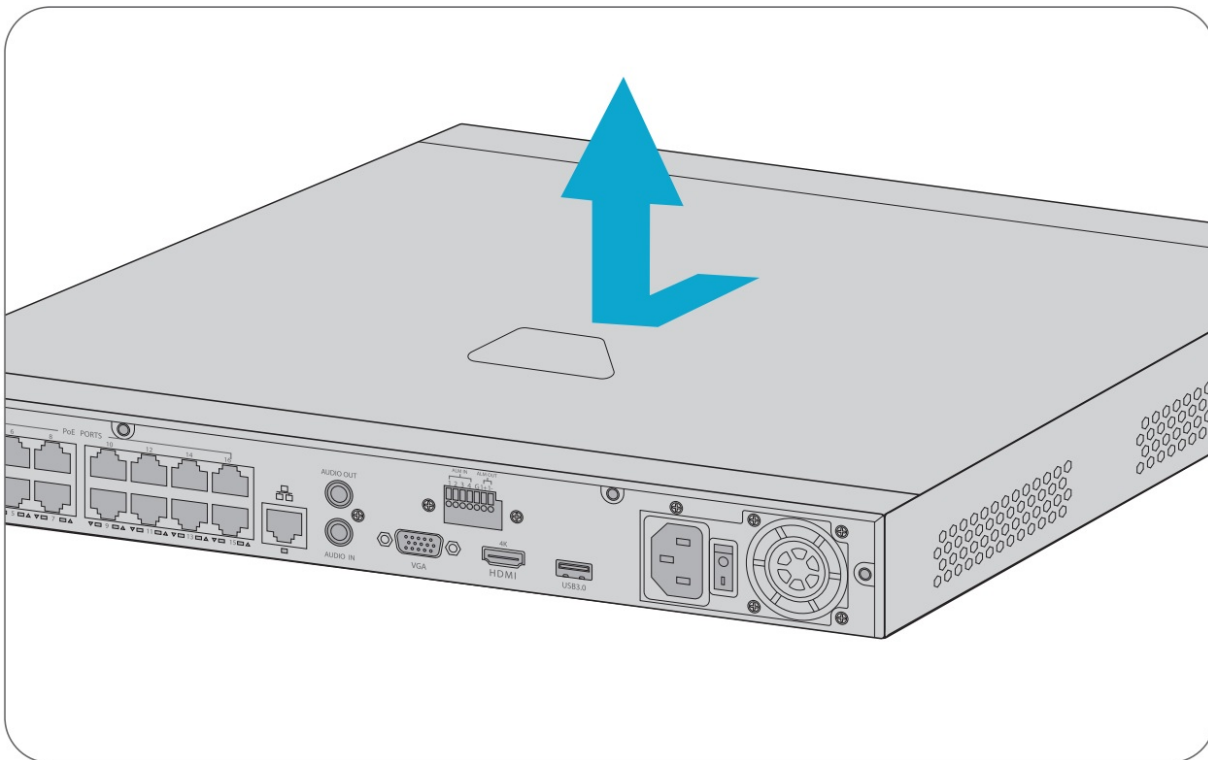
1. Remove the cover from the NVR by loosening the screws on the back and side panels.
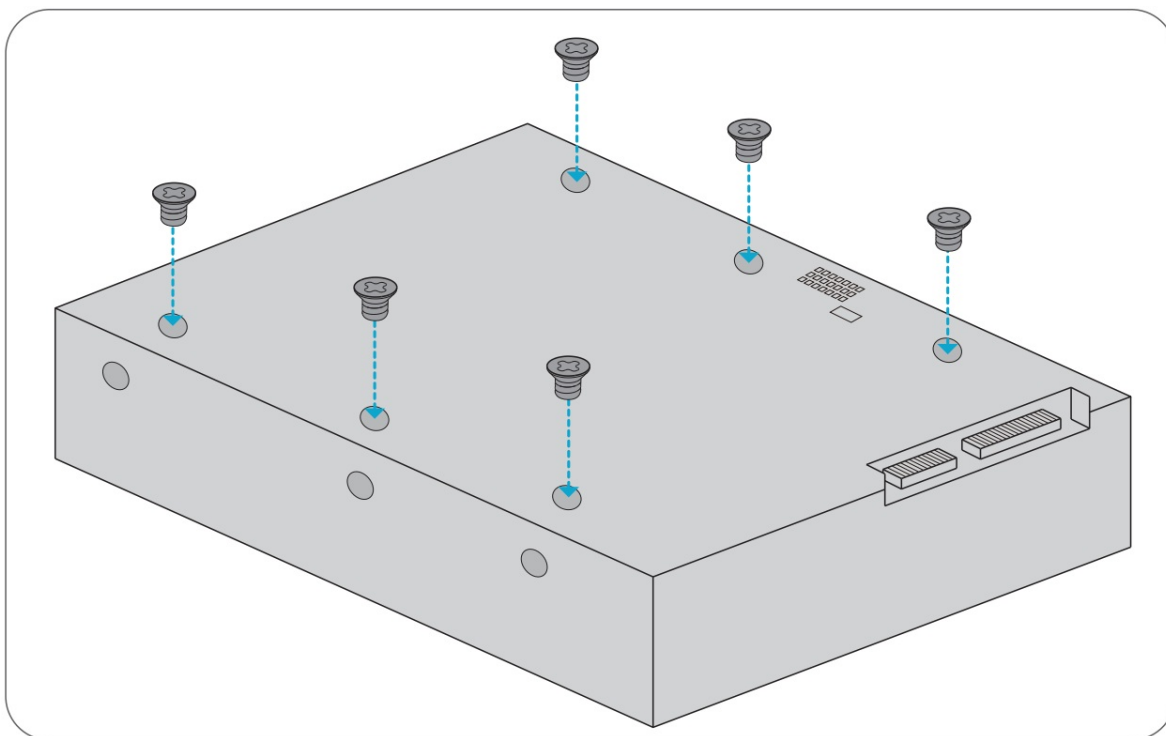
2. Align the screws with the holes of the hard disk.
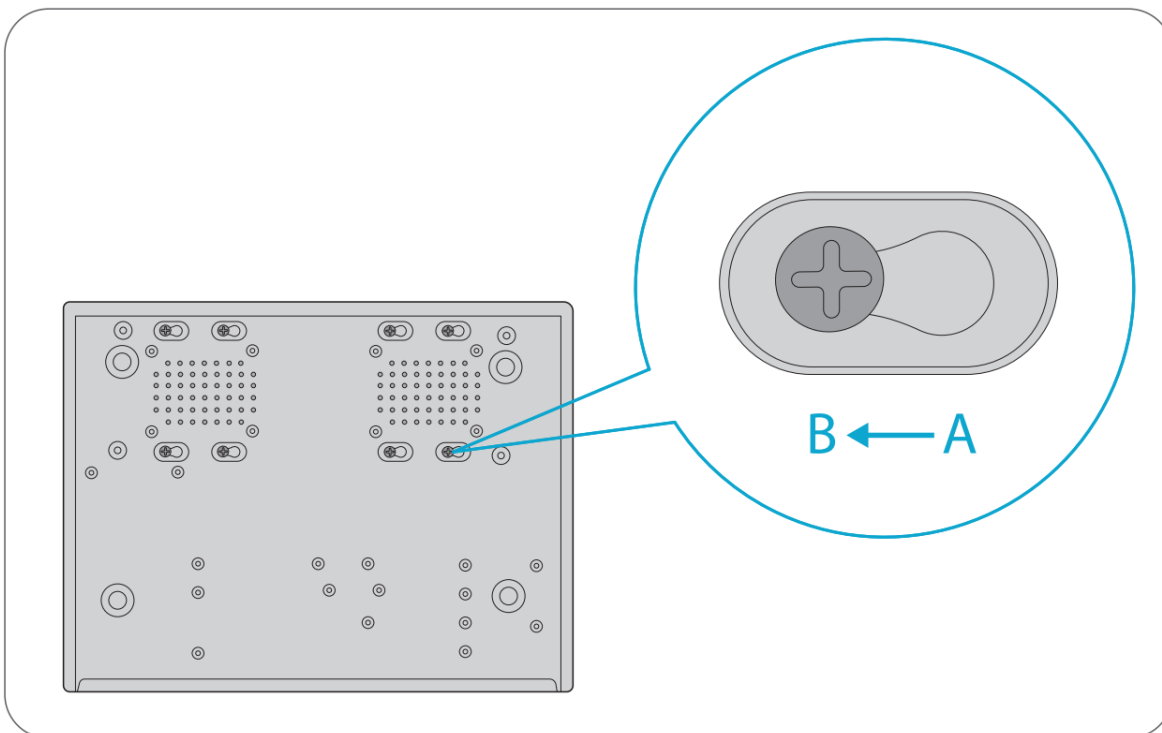
3. Secure the disk to the corresponding position in the NVR with the screws.
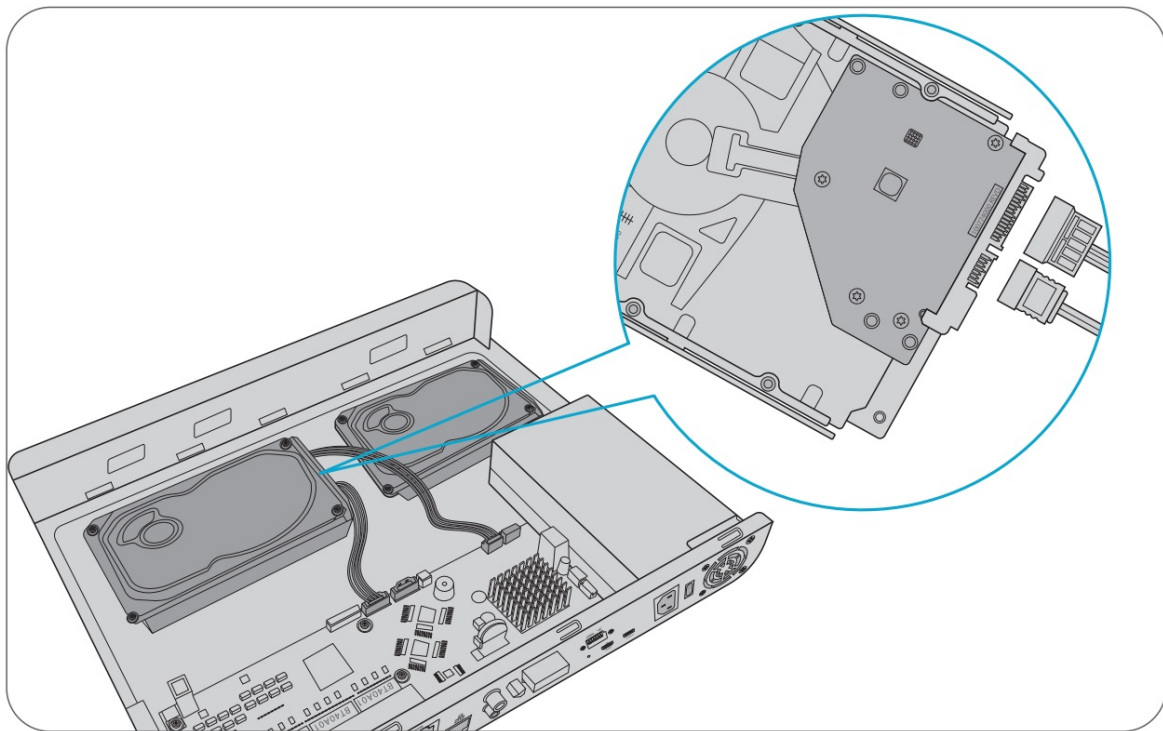
4. Connect the hard disk data cables and power cables.

   ⚠️ **NOTE:** For NVR101-8C-8P/NVR101-8C, only a data cable and a power cable are needed.
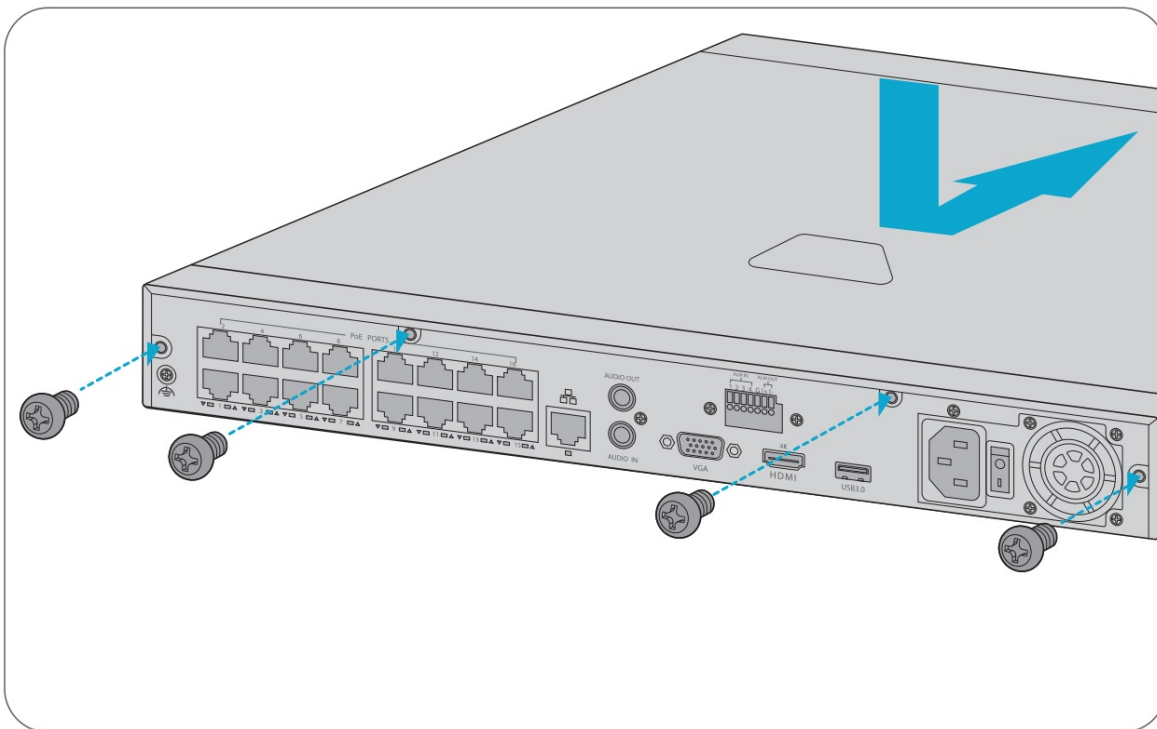
5. Put the cover back in place and tighten the screws.

Mounting the NVR

Desk Mounting
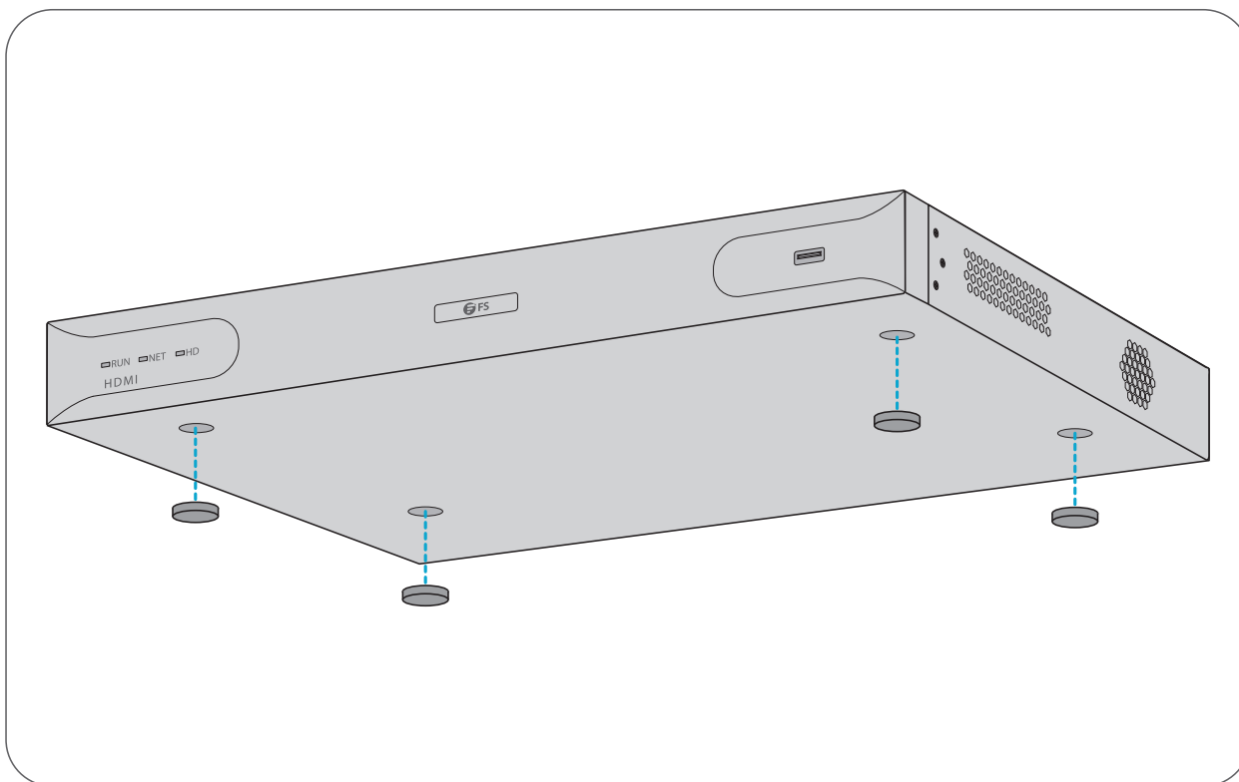
1. Attach four rubber pads to the bottom.
2. Place the NVR on a stable desk.

NOTE: Some of the accessories for desk and rack mounting are purchased separately.

Rack Mounting
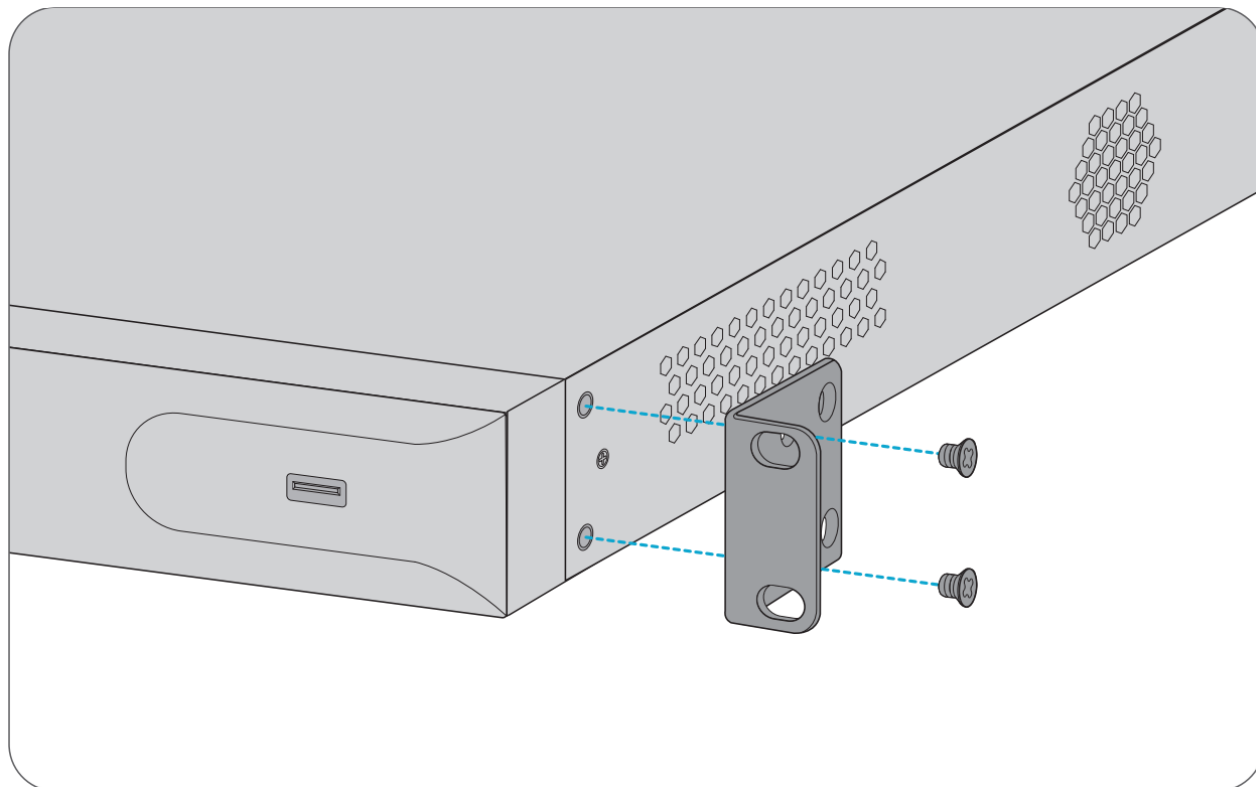
1. Secure the mounting brackets to both sides of the NVR with M4 screws.
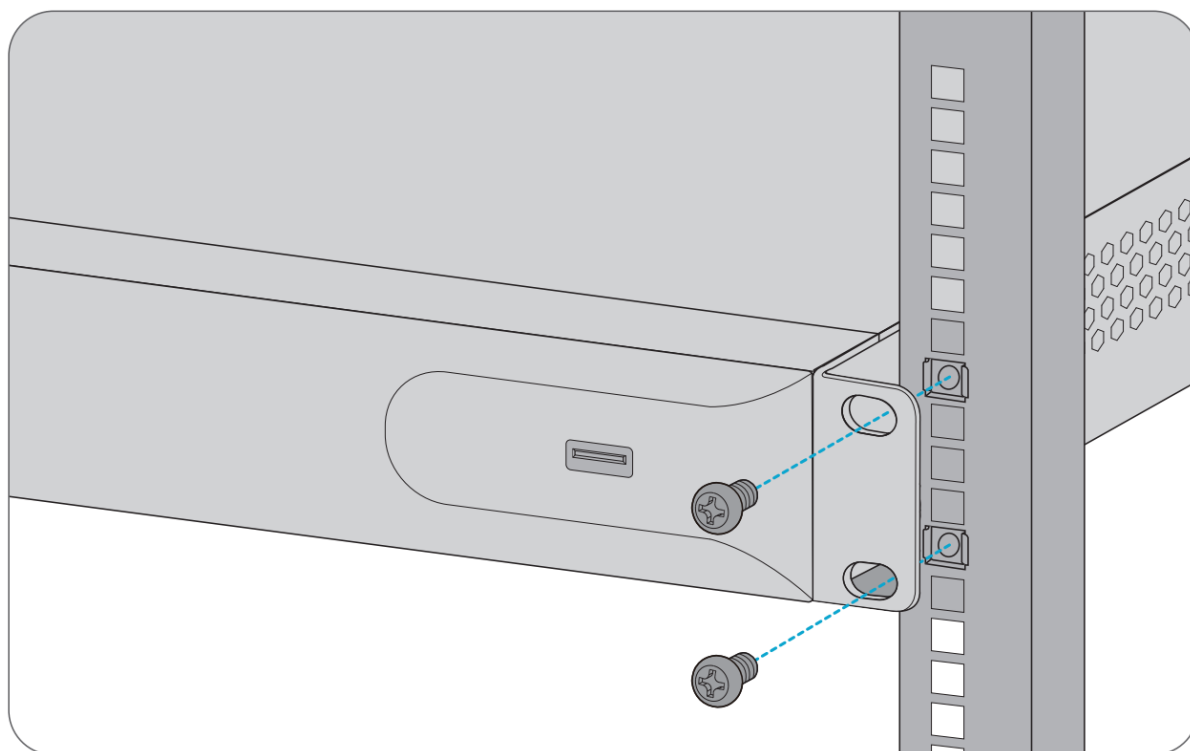
2. Attach the NVR to the rack using matched screws and cage nuts.

Connecting the Camera

NVR101-8C-8P/NVR102-8C-8P/NVR102-16C-16P
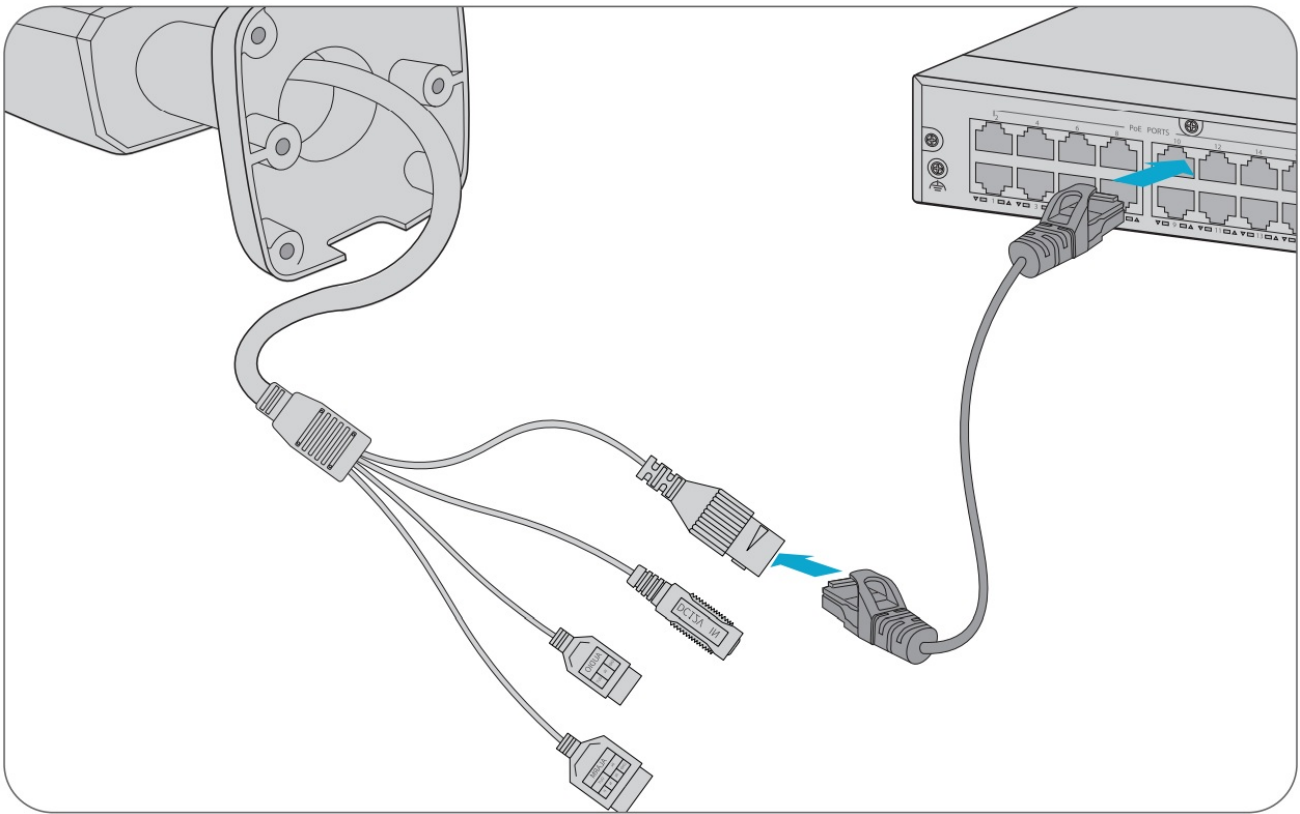
1. Connect the camera to the PoE interface of the NVR using an Ethernet cable.
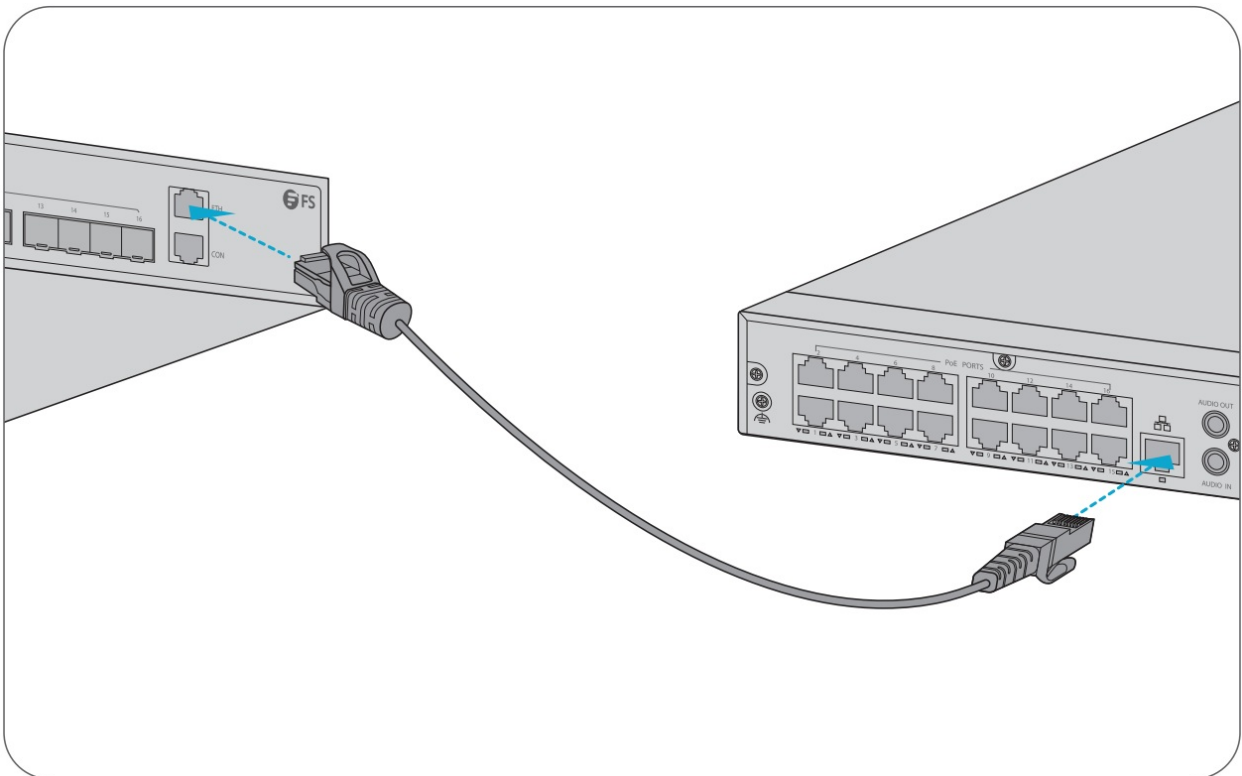
2. Connect the network interface of the NVR to a switch using an Ethernet cable.

NVR101-8C/NVR102-9C/NVR102-16C
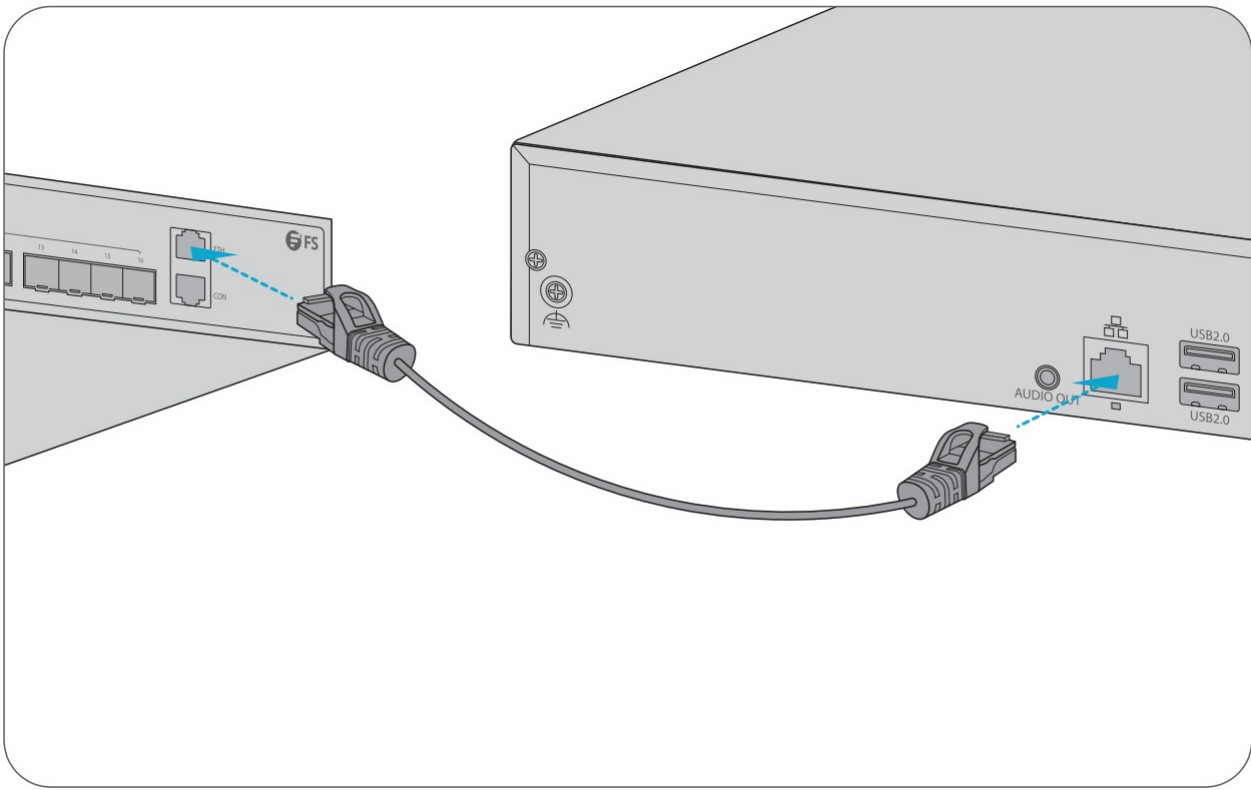
1. Connect the network interface of the NVR to a switch using an Ethernet cable.
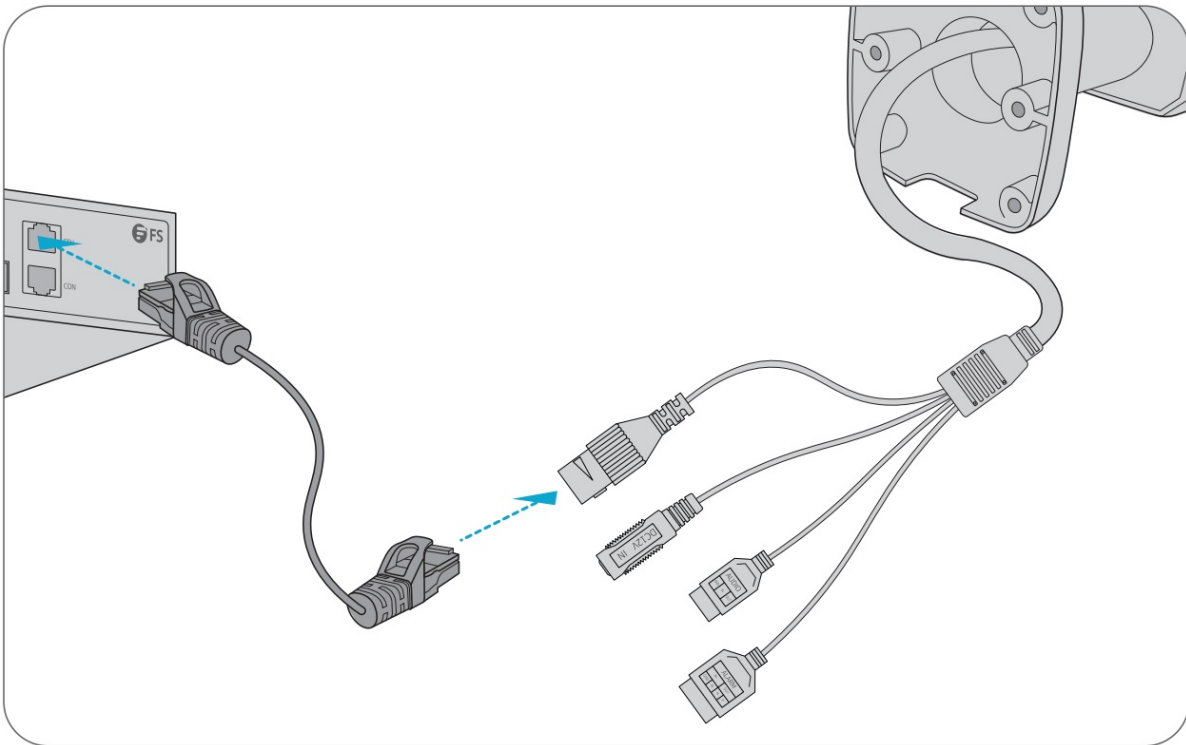
2. Connect the camera to the switch using an Ethernet cable.

Connecting the Power
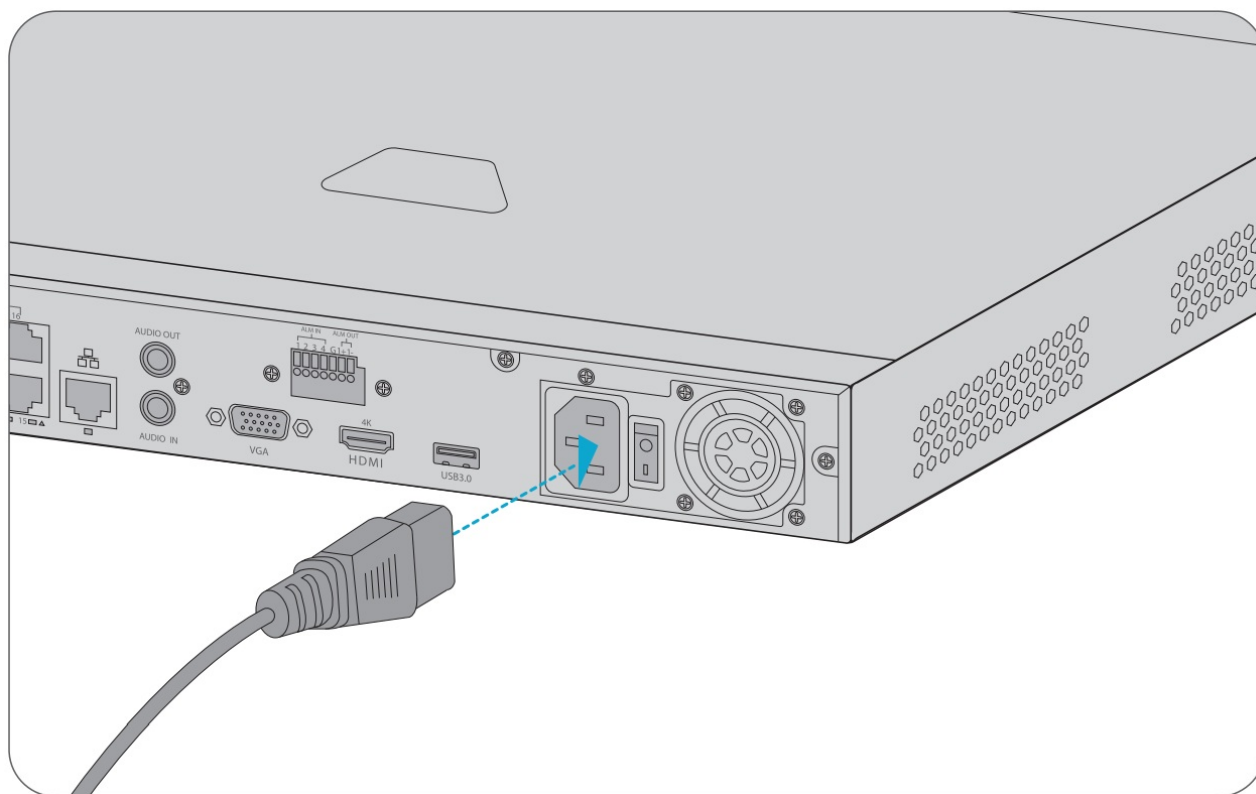
1. Plug one end of the power cord or power adapter into the NVR, and the other end into the local power source.
2. Turn on the power switch.

 NOTE:

1. Make sure the cables are connected correctly and the device s grounded properly.
2. For NVR101-8C/NVR101-8C-8P,skip the second step.

Configuring the NVR

Local Operations

Step 1: Connect the NVR to a monitor via an HDMI or VGA cable.
Step 2: Connect the NVR to the network via an Ethernet cable.
Step 3: To add cameras with **Quick Add,** please follow the wizard to configure the system.
Step 4: Select the cameras to add to the discovered device list, and then click **Add.**

Step 5: To add cameras with **Custom Add,** please right click on the preview page, and click **Menu** > **Camera** > **Camera.**

Step 6: Click **Custom Add,** and enter the IP address and other required information.

Step 7: Check the camera status icon ⏵.
"If the icon lights up, it means the camera gets online successfully.
"If the status icon s grayed out, place your mouse cursor over the icon to view the cause.

NVR Login

Before you begin, check that:

- Your NVRis operating properly and connected to the network.
- The PCyou are using s installed with Chrome 45 o later.

Follow these steps to log in to your NVR through the Web:

1. 0pen your browser, input the IP address of your NVR in the address bar and then press Enter to open the login page. The default P is 192.168.1.30.
2. Enter the default username and password (admin/admin) and then click Login.

NVR101-8C-8P

English ⌄

Username | Admin |

Password | ****** |

[Login]   [Reset]

⚠ NOTE:

1. DHCP is enabled by default. If a DHCP server is used in your network, your NVR may be assigned an IP address needed for the login.
2. You may need to install a plug-in at your first login. Please follow the on-screen instructions to complete the installation and then open the browser again to log in.
3. The default password is intended only for your first login. To ensure security, please change the password after your first login. You are strongly recommended to set a strong password of at least nine characters including all three elements: digits, letters and special characters.

Online Resources

- Download **https://www.fs.com/products_supporthtml**
- Help Center **https://www.fs.com/service/fs_support.htm|**
- Contact Us **https://www.fs.com/contact_us.html**

Product Warranty

FS ensures our customers that for any damage or faulty items due to our workmanship, we will offer a free return within 30 days from the day you receive your goods. This excludes any custom-made items or tailored solutions.

Warranty: The products enjoy a 2-year limited warranty against defects in materials or workmanship. For more details about the warranty, please check at **https://www.fs.com/policies/warranty.html**

Return: If you want to return the item(s), information on how to return can be found at **https://www.fs.com/policies/day_return_policy.html**

Compliance Information

FCC

Note: 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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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.

FS.COM GmbH hereby declares that this device is in compliance with the Directive 2014/30/EU, 2014/35/EU, 2011/65/EU and (EU)2015/863. A copy of the EU Declaration of Conformity is available at
wwwfs.com/company/quality_control.html

Die FS.COM GmbH erklart hiermit, dass dieses Gerat mit der Richtlinie 2014/30/EU, 2014/35/EU, 2011/65/EU und (EV)2015/863 konform ist. Eine Kopie der EU-Konformitétserklarung finden Sie unter**www.fs.com/de/company/quality_control.html**

FS.COM LIMITED
24F, Infore Center, No.19, Haitian 2nd Rd,
Binhai Community, Yuehai Street, Nanshan
District, Shenzhen City
FS.COM GmbH
NOVA Gewerbepark Building 7, Am
Gfild 7, 85375 Neufahrn bei Munich, Germany

UKCA

Hereby, FS.COM Innovation Ltd declares that this device s in compliance with the Directive 512016 No. 1091, 512016 No. 1101and $1 2012 NO. 3032.

FS.COM LIMITED
24F, Infore Center, No.19, Haitian 2nd Rd, Binhal
Community, Yuehai Street Nanshan District, Shenzhen City
F5.COM Innovation Ltd
4t Floor Imperial House, 8 Kean Street, London, England, WC 28 4AS

ISED

CAN ICES-003(A)/NMB-003(A)
English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Documents / Resources

	FS NVR Network Video Recorders [pdf] User Guide NVR Network Video Recorders, NVR, Network Video Recorders, Video Recorders