



Smart Managed Switch

Quick Start Guide

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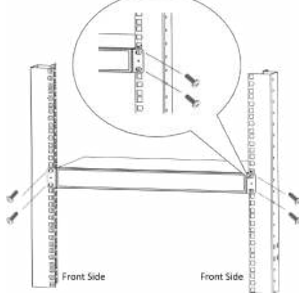
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4. Place the switch against the rack so that the holes on the L-shaped brackets are aligned with the holes where the nuts have been fixed.
5. Fix the brackets to the front side of the rack with two self-prepared M6 screws on both sides respectively to stably install your device.



Ground Your Switch

Grounding is used to quickly release overvoltage and overcurrent induced by lightning for the switch, and to protect personal safety. Select an appropriate grounding method according to your needs.

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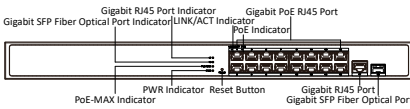
Symbol Explanation

The symbols that may be found in this document are defined as follows.

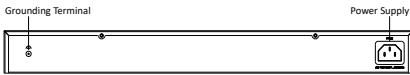
Symbol	Description
	Provides additional information to emphasize or supplement important points of the main text.
	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Obtain Device Information

▷ Front Panel (Example)



▷ Rear Panel (Example)



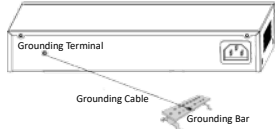
The figures above are for your reference only. You can scan the QR code on the left and select the desired device model to obtain the corresponding product introduction, packing list, and appearance.



Device appearances vary with different models. The actual device prevails.

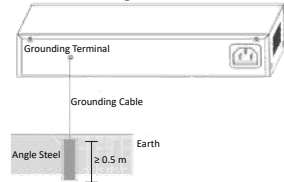
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▷ With Grounding Bar



1. Connect one end of the grounding cable to the binding post on the grounding bar.
2. Connect the other end of the grounding cable to the device's grounding terminal and fix the screw.

▷ Without Grounding Bar



1. Bury an angle steel or steel pipe (≥ 0.5 m) into the mud land.
2. Weld one end of the grounding cable to the angle steel or steel pipe and embalm the welding point via electroplating or coating.
3. Connect the other end of the grounding cable to the device's grounding terminal.

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Install Your Switch

Please select an appropriate installation method according to the actual needs. The following figures are for reference only.

Before You Start

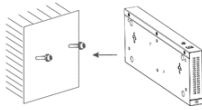
- Ensure that the desktop, wall, or rack is stable and firm enough.
- Keep the room well-ventilated. Leave at least 10 cm of heat dissipation space around the device.
- Keep at least 1.5 cm vertical distance between two adjacent devices for rack mounting.

▷ Desktop Placement

Place the device on the desk.

▷ Wall Mounting

1. Check the distance between the two hanging holes on the rear cover of the device.
2. Insert two self-prepared M4 screws into the wall.
3. Align the hanging holes with screws, and hang the device on the screws.



- The load-bearing capacity of the wall should be three times more than the weight of the device.
- Ensure that the distance between the two screws equals to the distance between the two hanging holes.
- Set aside at least 4 mm of the screw bodies outside the wall.

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Connect Your Switch to a Peer Device

▷ RJ45 Port

Use a network cable to connect the device to the RJ45 port of a peer device such as the IP camera (IPC), NVR, switch, etc.

▷ SFP Fiber Optical Port

- If the device has a fiber optical port or a combo, connect the device to a peer device through an optical fiber connecting optical modules plugged into fiber optical ports respectively.
- When connected to a network cable, the combo is a RJ45 port.
- When plugged into with an optical module and connected to an optical fiber, the combo functions as a fiber optical port.
- When connected to both the network cable and optical fiber at the same time, the combo works as a fiber optical port.

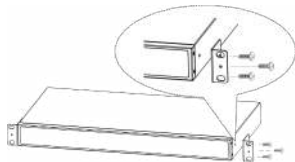


- Single-mode optical modules need to be paired.
- Do not bend an optical fiber (curvature radius ≥ 10 cm) overly.
- Do not look directly at an optical fiber connector as laser is harmful to eyes.

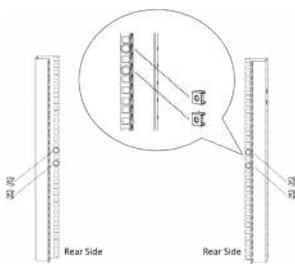
1. Connect the two paired SFP optical modules with an optical fiber.
2. Hold the SFP optical module from one side, and smoothly plug it into the switch along with the SFP port slot until the optical module and the switch are closely attached.
3. After powering your switch on, check the status of the LINK/ACT indicator.
 - If the indicator is lit, the link is connected.
 - If the indicator is unlit, the link is disconnected. Check the line, and make sure the peer device has been started.

▷ Rack Mounting

1. Check the grounding and stability of the rack.
2. Use M3 screws provided in the package to fix the two L-shaped brackets to both sides of the device.



3. Fix two self-prepared nuts to the rear side of the rack on both sides respectively.



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Power Your Switch On

Before powering your switch on, make sure that:

- The operating power supply is compliant with the rated input standard.
- Port cables and grounding cables are correctly connected.
- If there is outdoor cabling, connect a lightning rod and lightning arrester to the cable.



- Please use the attached power cord (and power adapter) in package to power on the device.
- Power cables and network cables cannot be wired together, otherwise the PD or switch ports will be burnt.

Manage Your Switch on Hik-Partner Pro

You can use the Hik-Partner Pro app to batch activate Hikvision devices, including switches, NVRs, and IPCs, and then add the devices to a site for device management.

Before You Start

- Install the Hik-Partner Pro app.
- Power on the devices and connect them to the network.
- Connect your phone to a Wi-Fi network. If you cannot connect to a Wi-Fi network, use a USB-C RJ45 adapter to connect your phone to a LAN.
- Make sure your phone and the devices in your networking such as the switches, NVRs, and IPCs are on the same LAN and are not activated.

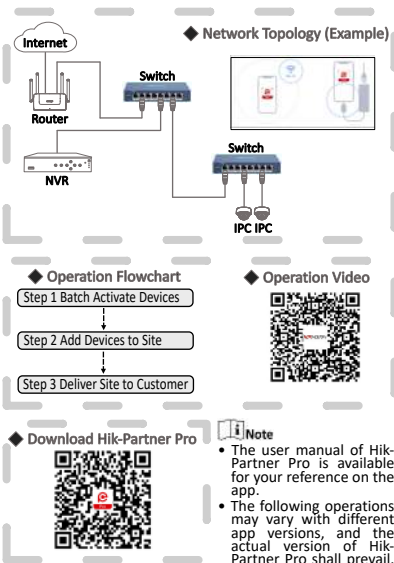


The following network topology is for your reference only. You can connect your devices according to your actual networking requirements.

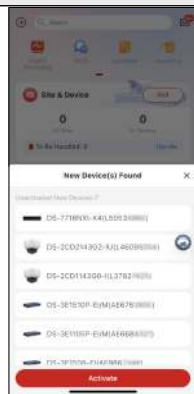
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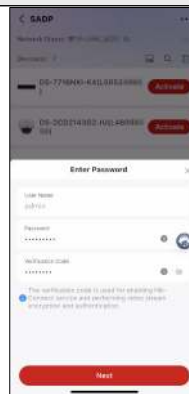


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1. Open the Hik-Partner Pro app, and tap **Activate** to batch activate new devices found.
The app automatically searches for and displays inactivated new devices on the same LAN.



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2. Enter the password for user **admin** and verification code, and tap **Next**.
Password: at least 8 characters, including 3 or more combinations of uppercase letters, lowercase letters, digits, and special characters; cannot contain user name or the reverse, 123, or admin (case-insensitive), 4 or more consecutively increasing or decreasing digits (such as 1234 and 4321), or 4 or more identical characters (such as 1111 and aaaa); cannot be a common risky password.
Verification Code: 6 to 12 characters, including uppercase letters, lowercase letters, and digits.



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3. **Optional:** Tap **Yes** to add the activated IPCs as the channels of the NVR automatically.
Note
If you tap **No**, you need to manually add channels to the NVR after activation is complete.



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4. Wait until the devices are activated and the IPCs are added as channels of the NVR, and then tap **Complete**.

Step 2 Add Devices to Site



1. **Optional:** Tap **More** to select an existing site to which devices are to be added.

Note
If you do not select an existing site, devices will be added to the new site automatically created.

2. Select the NVR and switches to be added to the site, and tap **OK**.

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Step 3 Deliver Site to Customer



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After the devices are successfully added, tap **Transfer** or **Share** to hand over the site to the customer.

Note

- If you hand over devices by **transferring**, your customer takes the ownership of them.
- If you hand over devices by **sharing**, your customer only has the permission to use them.



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Optional: Select the desired site in the site list to view the devices added.

The figure above shows that the devices are successfully added to a new site. You can view the thumbnails of real-time video security images of IPCs via the NVR.

Get More Information

Scan the QR code below to obtain the web and client user manuals of the device.



Web and Client User Manuals

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