

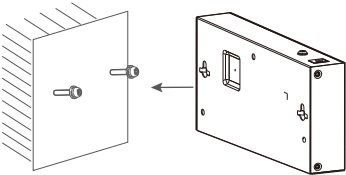
Device Installation

Prerequisites:

- Make sure the rack or desktop be stable and firm enough.
- The room must be well-ventilated. Keep at least 4 inches distance from all sides for cooling.
- Keep at least 0.6 inch vertical distance between each switch while installing it on a rack.

4/8 Ports

The shorter 4/8-port switches support desktop and wall-mounted installation. Follow the figure below for wall-mounted installation.

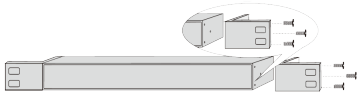


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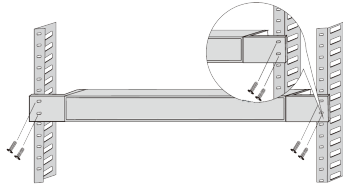
16/24 Ports

The longer 16/24-port switches only support rack installation. Follow the steps below for rack installation.

1. Check the grounding and stability of the rack.
2. Use the attached screws to fix the two L-shaped brackets to the sides of the switch.



3. Place your switch on the rack, fix it to the rack with self-prepared screws, and ensure the stable installation of your switch to the rack.

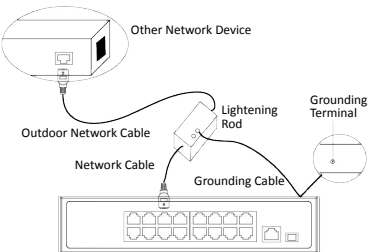


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Power-On Checking

Before powering your switch, make sure that:

- The operating power supply is compliant with 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 in package to power up the switch.

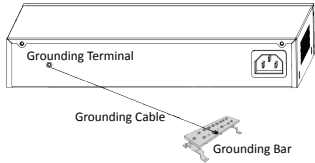
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Grounding

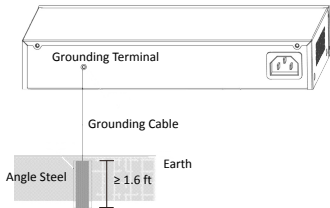
Purpose:

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

With Grounding Bar:



Without Grounding Bar:

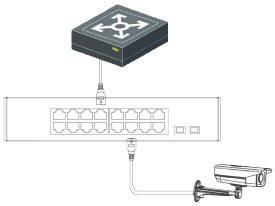


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Port Connection

PoE Port Connection:

Connect the switch to the PoE ports of an opposite end device, including network camera, IP camera, NVR, switch, etc.



Fiber Optical Port Connection:



- Do not bend fiber optic (curvature radius ≥ 10 cm) overly.
- Do not look directly at fiber optic connector for laser is harmful to eyes.

1. Connect the two paired SFP optical module with an optical fiber.
2. Hold SFP optical module from one side, and smoothly plug it into the switch along with the SFP port slot until optical module and the switch are closely attached.
3. After powering on your switch, check the status of 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 opposite devices have been started.

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See the following table and check whether your devices are correctly connected. After proper connection, you can use your switch without doing any settings.

Indicator	Status	Description
PWR	Solid	The switch is powered on normally.
	Unlit	No power supply connected or power supply is abnormal.
Link/Act	Solid	The port is connected.
	Blinking	The port is transmitting data.
PoE	Unlit	The port is disconnected or connection is abnormal.
	Solid	The switch provides power supply to PD normally.
PoE-MAX	Unlit	The switch is disconnected to PD, or provides power supply to PD abnormally.
	Solid /Blinking	The output power of the switch is about to reach or already reaches the upper limit. The power supply may be abnormal if more devices are connected.
PoE-MAX	Solid	The switch provides power supply to PD normally.
	Unlit	The switch provides power supply to PD normally.



The switch supports auto MDI/MDIX of ports, you can use straight-through cable or crossover cable to connect the switch and opposite Ethernet devices.

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Quick Start Guide

About this Manual

The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information herein are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website. Please use this user manual under the guidance of professionals.

Legal Disclaimer

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE PRODUCT DESCRIBED, WITH ITS HARDWARE, SOFTWARE AND FIRMWARE, IS PROVIDED "AS IS", WITH ALL FAULTS AND ERRORS, AND LT Security MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT OF THIRD PARTY. IN NO EVENT WILL LT Security, ITS DIRECTORS, OFFICERS, EMPLOYEES, OR AGENTS BE LIABLE TO YOU FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA OR DOCUMENTATION, IN CONNECTION WITH THE USE OF THIS PRODUCT, EVEN IF LT Security HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. REGARDING TO THE PRODUCT WITH INTERNET ACCESS, THE USE OF PRODUCT SHALL BE WHOLLY AT YOUR OWN RISKS. LT Security SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER ATTACK, HACKER ATTACK, VIRUS INSPECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, LT Security WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED. SURVEILLANCE LAWS VARY BY JURISDICTION. PLEASE CHECK ALL RELEVANT LAWS IN YOUR JURISDICTION BEFORE USING THIS PRODUCT IN ORDER TO ENSURE THAT YOUR USE CONFORMS THE APPLICABLE LAW. LT Security SHALL NOT BE LIABLE IN THE EVENT THAT THIS PRODUCT IS USED WITH ILLEGITIMATE PURPOSES. IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATER PREVAILS.

Regulatory Information
FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: 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.

FCC Conditions

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the LVD Directive 2014/35/EU, the RoHS Directive 2011/65/EU.

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points.

For more information see: www.recyclethis.info
2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

Industry Canada ICES-003 Compliance
This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.