



Package Contents



EdgeSwitch 10XP



Wall Mount Screws (Qty. 2)



Wall Mount Anchors (Qty. 2)



Ground Screw



Power Adapter* (24V, 2.5A)



Power Cord*



Cable Clip

* Included only in the single-pack of the ES-10XP

Installation Requirements

- Wall-mounting (optional)
 - Drill with 6 mm drill bit
 - Phillips screwdriver
- For indoor applications, use Category 5 (or above) UTP cabling approved for indoor use.



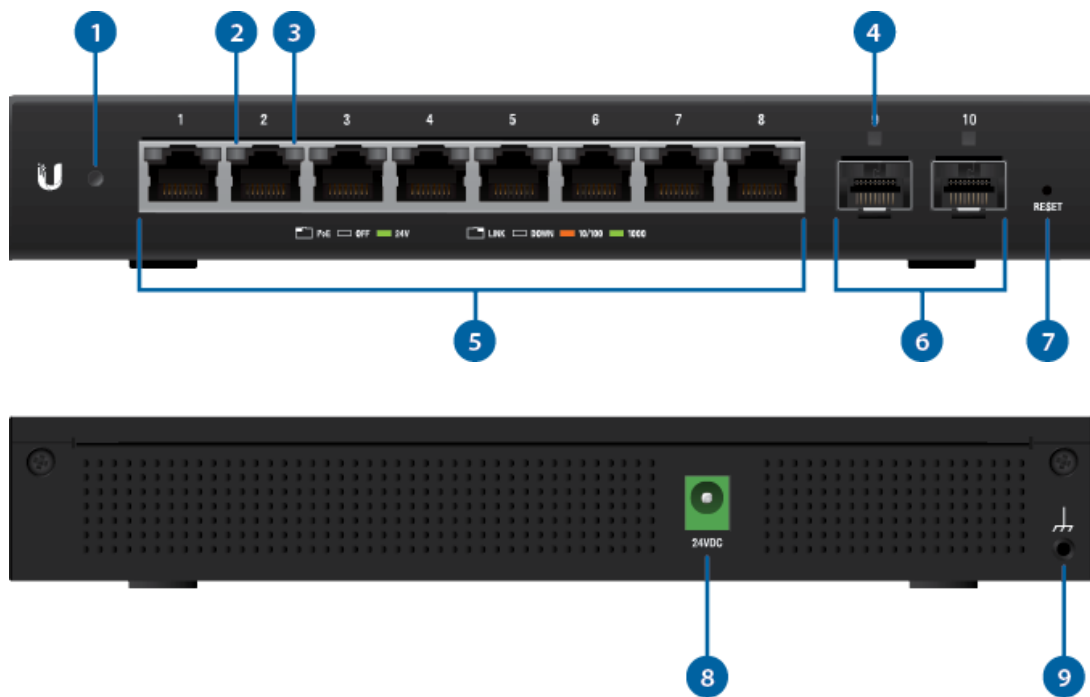
ground of the power supply.

We recommend that you protect your networks from harmful outdoor environments and destructive ESD events with industrial-grade, shielded Ethernet cable from Ubiquiti. For more details, visit: ui.com/toughcable



Note: Although the cabling can be located outdoors, the EdgeSwitch itself should be housed inside a protective enclosure.

Hardware Overview



1 System LED	
Flashing White	Bootup in Progress
White	Ready for Use Not Connected to Ubiquiti Internet Service Provider (UISP™)
Blue	Ready for Use Connected to UISP
Steady Blue with Occasional Flashing	Ready for Use Unable to Connect to UISP
Quickly Flashing Blue	Used to Locate a Device in UISP
Alternating Blue/White	Firmware Upgrade in Progress



Off	No Power over Ethernet
Green	24V Power over Ethernet
3 RJ45 Speed/Link/Activity LED (Ports 1 - 8)	
Off	No Link
Amber	Link Established at 10/100 Mbps Flashing Indicates Activity
Green	Link Established at 1000 Mbps Flashing Indicates Activity
4 SFP Link/Activity LED (Ports 9 - 10)	
Off	No Link
Green	Link Established at 1 Gbps Flashing Indicates Activity
5 RJ45 (Ports 1 - 8)	
RJ45 ports support 10/100/1000 Ethernet connections and 24V Passive Power over Ethernet (PoE) output.	
6 SFP (Ports 9 - 10)	
Hot-swappable SFP ports support 1 Gbps connections. If you use a copper Ethernet module (example: UF-RJ45-1G), power off the EdgeSwitch before insertion; otherwise there may be a device reboot.	
7 Reset Button	
To reset to factory defaults: <ol style="list-style-type: none">1. Disconnect power from the EdgeSwitch.2. Reconnect power while holding the Reset button. The port LEDs will light up in sequential order (this takes approximately five seconds).3. When the port 1 LED flashes again, release the Reset button.	
8 Power	
Connect the included Power Adapter to the Power port.	
9 Grounding Point	

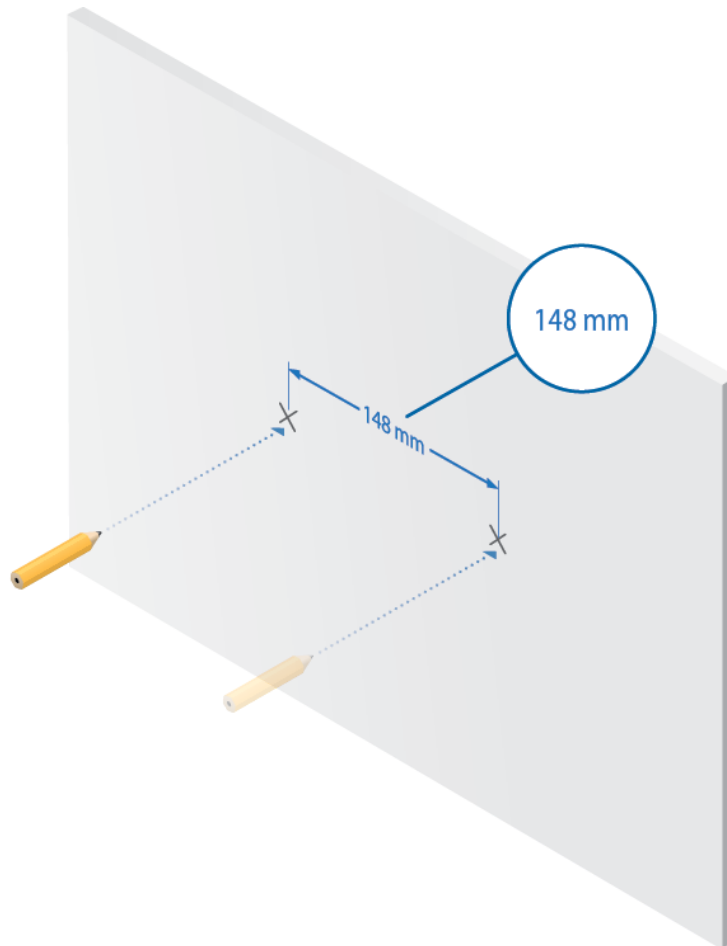
Hardware Installation

The optional EdgeRouter™ Rackmount Kit, model ER-RMKIT, is sold separately.

! **WARNING:** The EdgeSwitch ES-10XP must not be stacked. Do not place it on top of another switch. Do not place anything on top of the ES-10XP.

Wall Mounting

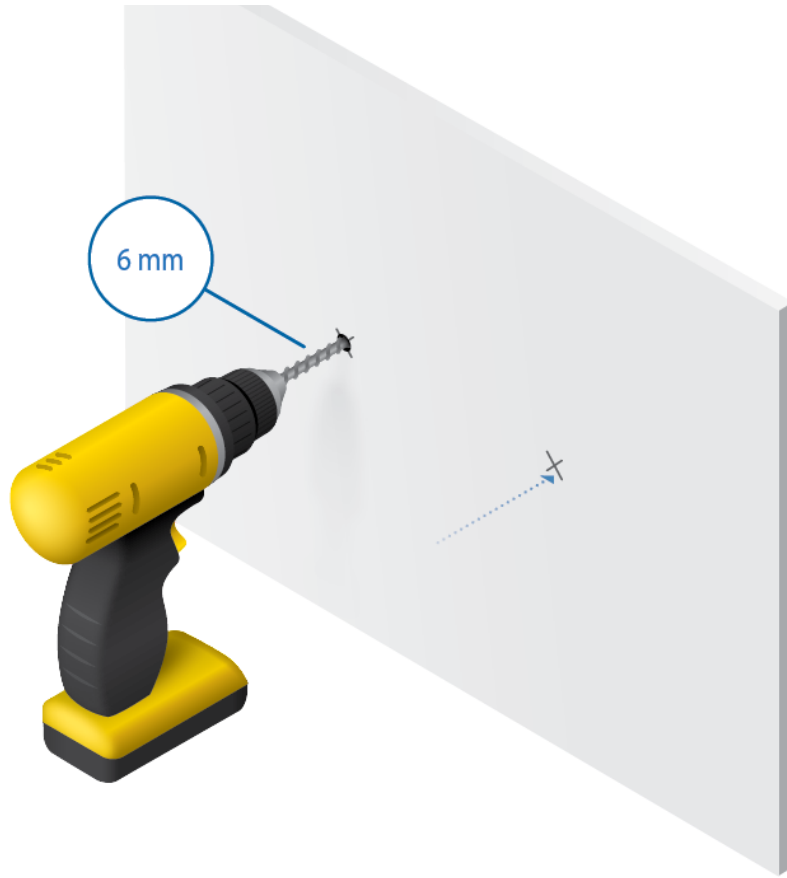
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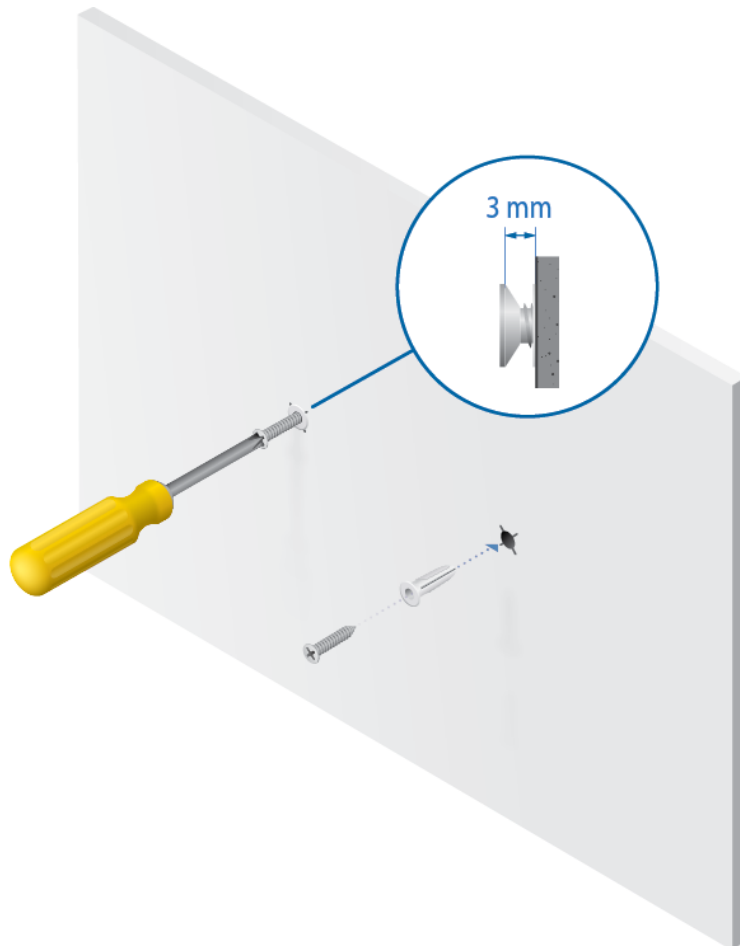
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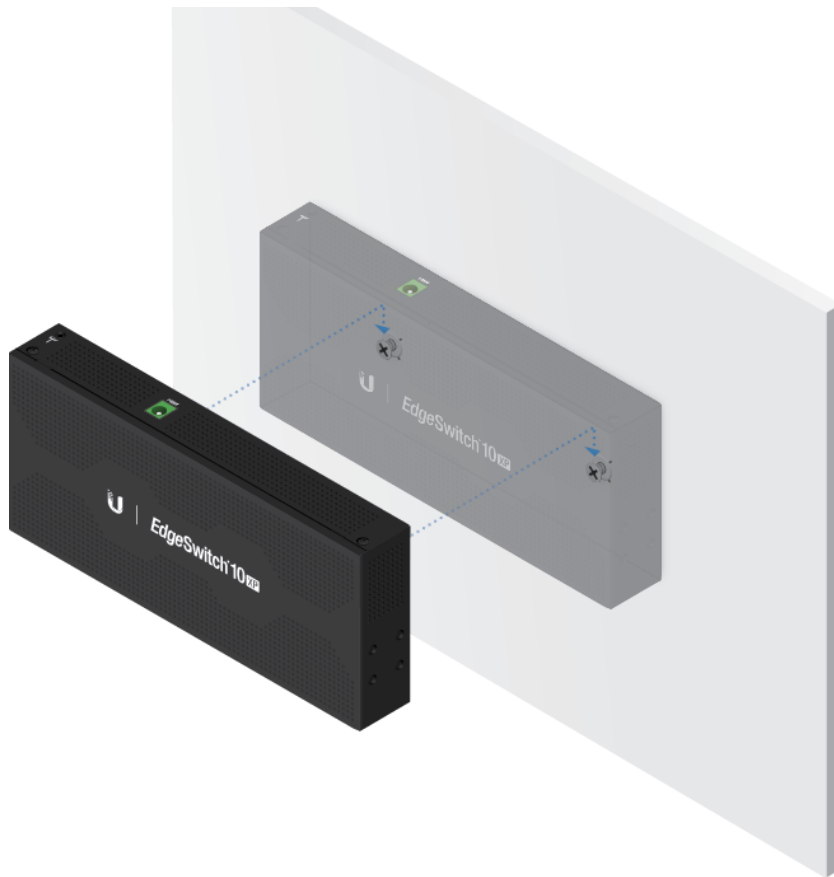
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3.



4.



Grounding the EdgeSwitch (Recommended)

The Power Adapter grounds the device; however, you can add optional ESD grounding for enhanced ESD protection (ground wire not included).



Optional

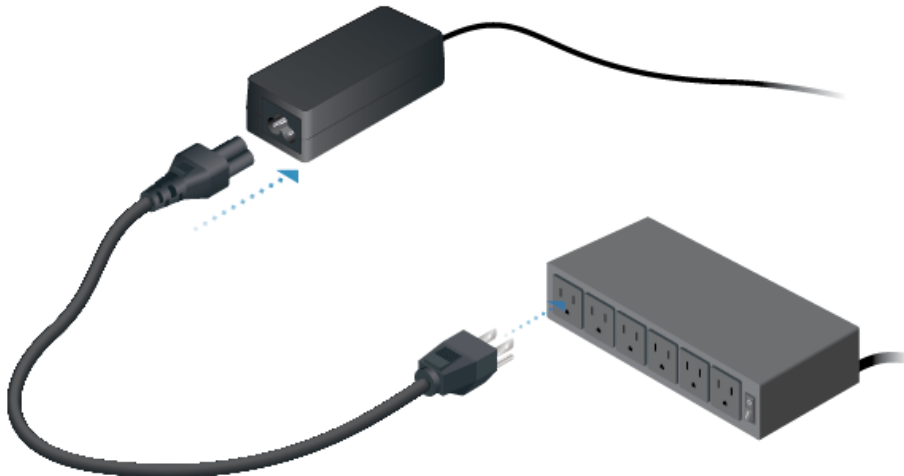


Connecting Power

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2.





Using SFP Ports

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2.



3.



For information about compatible fiber SFP modules, visit:
ubnt.link/SFP_DAC_Compatibility

Accessing the Configuration Interface

The EdgeSwitch is set to DHCP by default, so it will try to automatically obtain an IP address. If that fails, then it will use the default fallback IP address, 192.168.1.20. Proceed to the appropriate section, DHCP or [“Fallback IP Address”](#):

DHCP

Use one of the following methods:

- Set up the DHCP server to provide a specific IP address to the EdgeSwitch based on its MAC address (on the label).
- Let the EdgeSwitch obtain an IP address and then check the DHCP server to see which IP address was assigned.

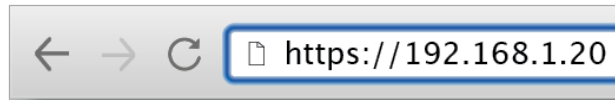
To log in, follow these steps:

1. Launch your web browser. Type the appropriate IP address in the address field. Press enter (PC) or return (Mac).
2. Enter ubnt in the Username and Password fields. Click Sign In.

The EdgeSwitch Configuration Interface will appear. Customize additional settings as needed. For 24V Passive PoE configuration, refer to [“Configuring PoE Settings”](#). For more information, refer to the EdgeSwitch documentation, which is available at ui.com/download/edgemax

Fallback IP Address

1. Ensure that your computer (or other host system) is connected to the EdgeSwitch.
2. Configure the Ethernet adapter on your host system with a static IP address on the 192.168.1.x subnet.



4. Enter ubnt in the Username and Password fields. Click Sign In.
5. The EdgeSwitch Configuration Interface will appear. Click the System Settings tab.
6. Change the IP Address to a unique IP address. Click Apply.



Note: If you change the IP settings, the session will be cut off, and you will need to reconnect to the EdgeSwitch using the new IP address.

Customize additional settings as needed. For 24V Passive PoE configuration, refer to [“Configuring PoE Settings”](#). For more information, refer to the EdgeSwitch documentation, which is available at ui.com/download/edgemax

Configuring PoE Settings

The PoE setting for ports 1-8 is set to Off by default.



WARNING: Before activating PoE, ensure that the connected device supports passive PoE and the supplied voltage.

On the Dashboard tab, click the PoE setting of the Ethernet port you want to configure. Then select 24V.

UISP Management

You can manage your device using UISP, which lets you configure, monitor, upgrade, and back up your devices using a single application. Get started at uisp.ui.com

Specifications

ES-10XP	
Dimensions	207 x 31.1 x 90 mm (8.15 x 1.22 x 3.54")
Weight	500 g (1.10 lb)
Total Non-Blocking Throughput	10 Gbps
Switching Capacity	20 Gbps
Forwarding Rate	14.88 Mpps
Max. Power Consumption (Excluding PoE Output)	8W
Power Method	24VDC, 2.5A
Supported Voltage Range	9 - 30VDC, 5A



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Power Supply	24VDC, 2.5A Power Adapter (Included)
LEDs	Status
System	PoE, Link/Speed/Activity
RJ45 Data Ports	Link/Activity
SFP Data Ports	
Networking Interfaces	(8) 10/100/1000 Mbps RJ45 Ports (2) 1 Gbps SFP Ports
Management Interface	Ethernet In-Band
Certifications	CE, FCC, IC
ESD/EMP Protection	Air: ± 24 kV, Contact: ± 24 kV
Operating Temperature	-10 to 50° C (14 to 122° F)
Operating Humidity	5 to 95% Noncondensing
Shock and Vibration	ETSI300-019-1.4 Standard
PoE	
PoE Interface	(8) 24VDC Passive PoE (Pins 4, 5+; 7, 8-)
Max. Passive PoE Wattage per Port	15W
24V Passive PoE Voltage Range	24V

Safety Notices

1. Read, follow, and keep these instructions.
2. Heed all warnings.
3. Only use attachments/accessories specified by the manufacturer.



WARNING: Failure to provide proper ventilation may cause fire hazard. Keep at least 20 mm of clearance next to the ventilation holes for adequate airflow.



WARNING: To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.



WARNING: Do not use this product in location that can be submerged by water.



WARNING: Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

Electrical Safety Information

1. Compliance is required with respect to voltage, frequency, and current requirements indicated on the manufacturer's label. Connection to a different power source than those



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2. There are no operator serviceable parts inside this equipment. Service should be provided only by a qualified service technician.
3. This equipment is provided with a detachable power cord which has an integral safety ground wire intended for connection to a grounded safety outlet.
 - a. Do not substitute the power cord with one that is not the provided approved type. Never use an adapter plug to connect to a 2-wire outlet as this will defeat the continuity of the grounding wire.
 - b. The equipment requires the use of the ground wire as a part of the safety certification, modification or misuse can provide a shock hazard that can result in serious injury or death.
 - c. Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment.
 - d. Protective earthing is provided by Listed AC adapter. Building installation shall provide appropriate short-circuit backup protection.
 - e. Protective bonding must be installed in accordance with local national wiring rules and regulations.

Limited Warranty

ui.com/support/warranty

The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and, where applicable, specify arbitration instead of jury trials or class actions.

Compliance

FCC

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

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.

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. Operations 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.

ISED Canada

CAN ICES-3(A)/NMB-3(A)

Australia and New Zealand



CE Marking

CE marking on this product represents the product is in compliance with all directives that are applicable to it.



WEEE Compliance Statement

Declaration of Conformity

Online Resources

