

Package Contents



EdgeSwitch 5XP



Screws (Qty. 2)



Anchors (Qty. 2)



Power Adapter (24V, 2.5A)



Power Cord

Installation Requirements

- Drill, 6 mm drill bit, and Phillips screwdriver (wall-mounting)
- For outdoor applications, shielded Category 5 (or above) cabling should be used for all wired Ethernet connections and should be grounded through the AC 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

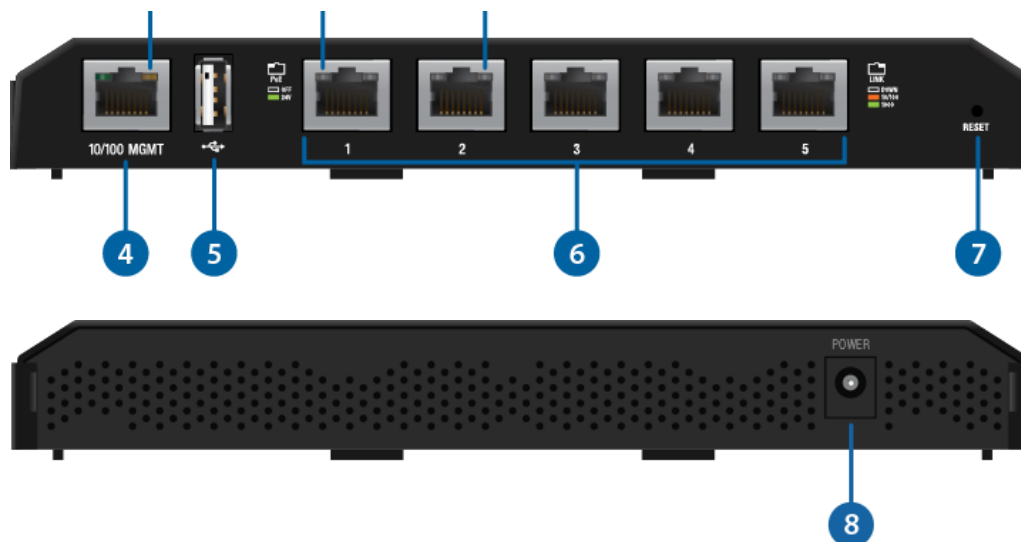


IMPORTANT: Although the cabling can be located outdoors, the EdgeSwitch itself should be housed inside a protective enclosure.



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

Hardware Overview



1 Management Power/Link LED	
Off	No Power/No Link
Amber	After bootup, the LED indicates power. After an initial link is established, the LED indicates a 10/100 Mbps connection. If the link terminates, the LED turns off until a link is re-established. If the unit reboots, the LED will again indicate power until a link is established.
2 RJ45 PoE LED (Ports 1 - 5)	
Off	No Power over Ethernet
Green	24V Power over Ethernet
3 RJ45 Speed/Link/Act LED (Ports 1 - 5)	
Off	No link
Amber	Link established at 10/100 Mbps
Amber Flashing	Link activity at 10/100 Mbps
Green	Link established at 1000 Mbps
Green Flashing	Link activity at 1000 Mbps
4 Management Port	
10/100 Mbps port used to access the EdgeSwitch Configuration Interface.	
5 USB Port	
Reserved for future use.	
6 RJ45 (Ports 1 - 5)	

7 Reset Button

To reset to factory defaults, press and hold the Reset button for more than 10 seconds while the unit is powered on.

8 Power

Connect the included Power Adapter to the Power port.

Hardware Installation

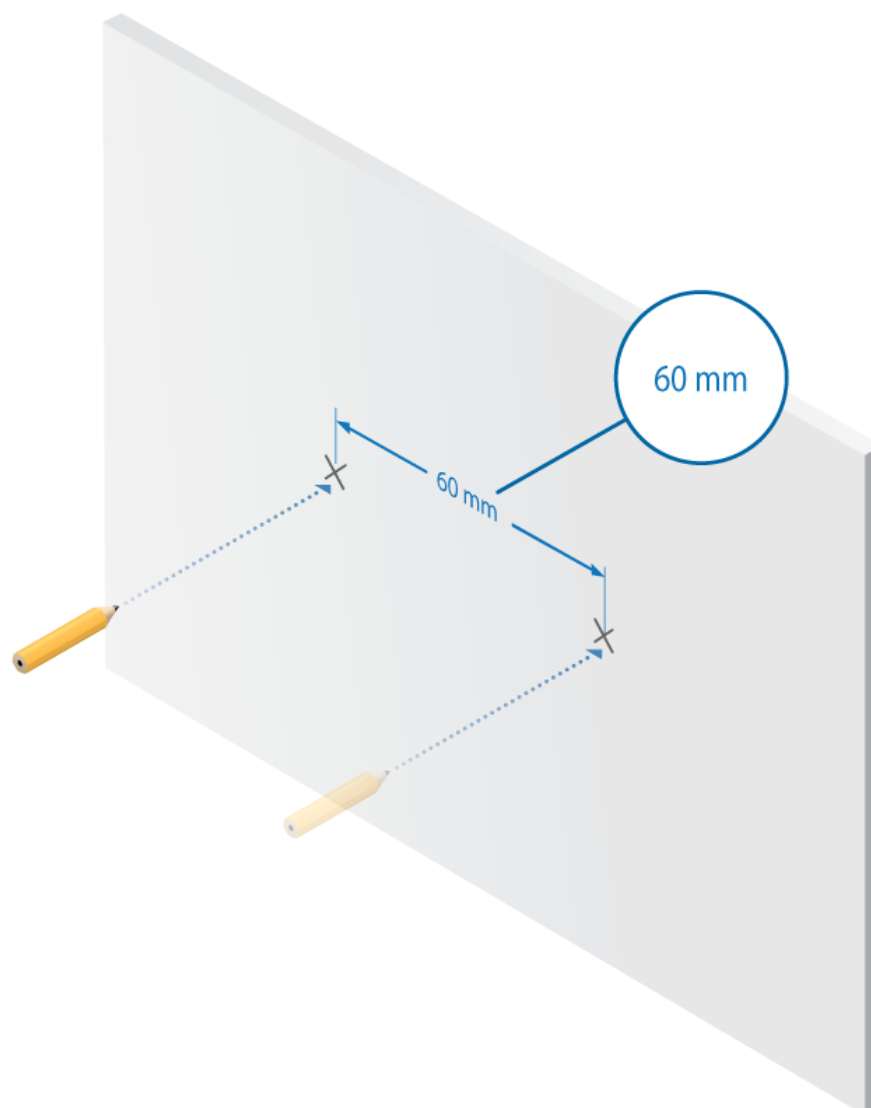
Place the EdgeSwitch on a bench top or other flat surface.



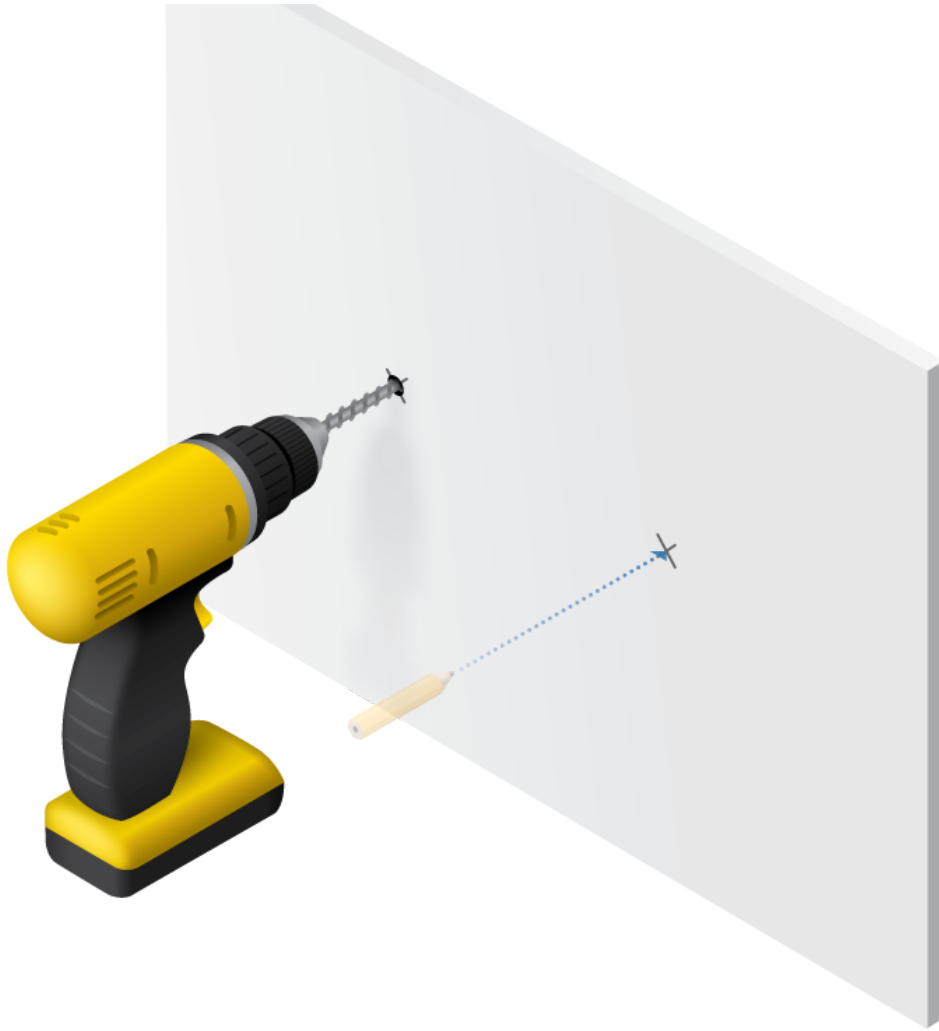
WARNING: FAILURE TO PROVIDE PROPER VENTILATION MAY CAUSE FIRE HAZARD. KEEP AT LEAST 20 MM OF CLEARANCE NEXT TO THE VENTILATION HOLES FOR ADEQUATE AIRFLOW.

Wall-Mounting

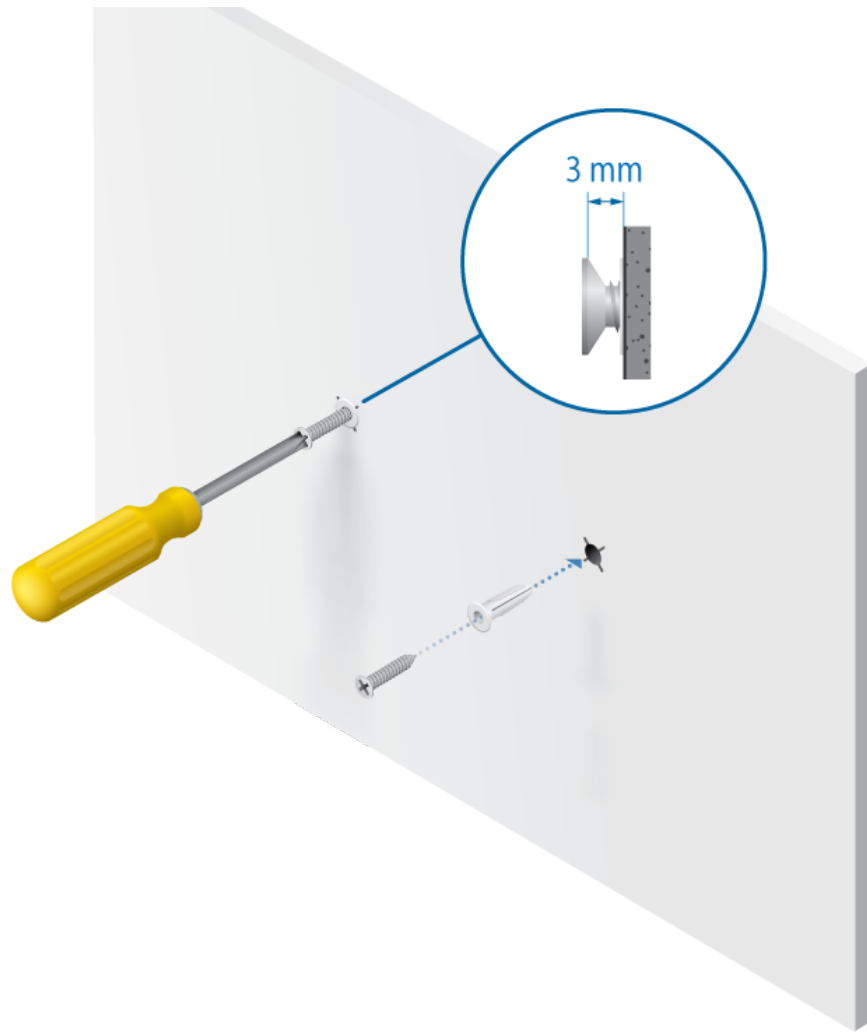
1.



2.



3.



4.



Grounding the EdgeSwitch (Optional)

The EdgeSwitch is grounded through the Power Adapter; however, you can add optional ESD grounding for enhanced ESD protection.

1.



2.

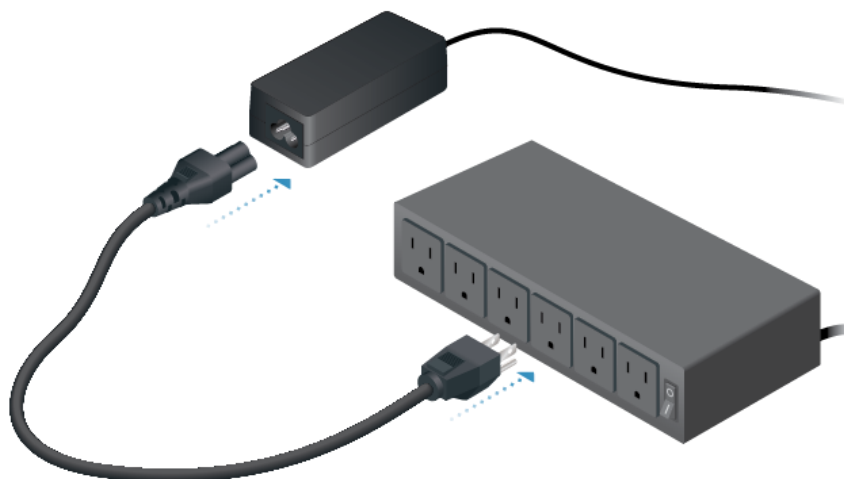


Connecting Power

1.



2.

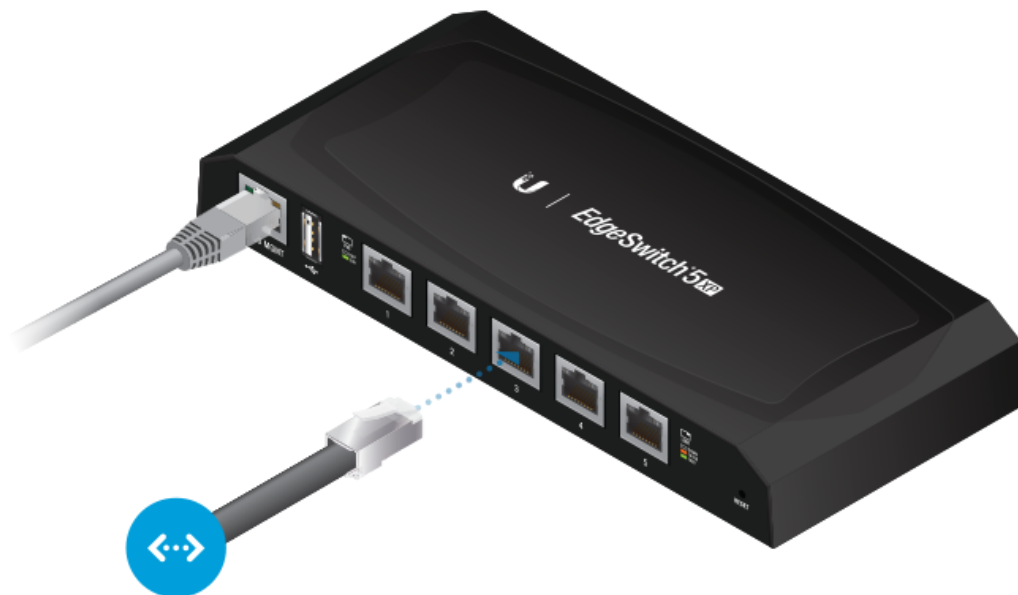


Connecting Ethernet

1.



2.



Note: PoE is disabled by default on all numbered ports and is not available on the Management port. To enable PoE on the appropriate ports, use the Ports tab in the Configuration Interface.

Accessing the Configuration Interface

Connect to the Configuration Interface:

1. Ensure that your computer (or other host machine) is connected to the Management port on the EdgeSwitch.

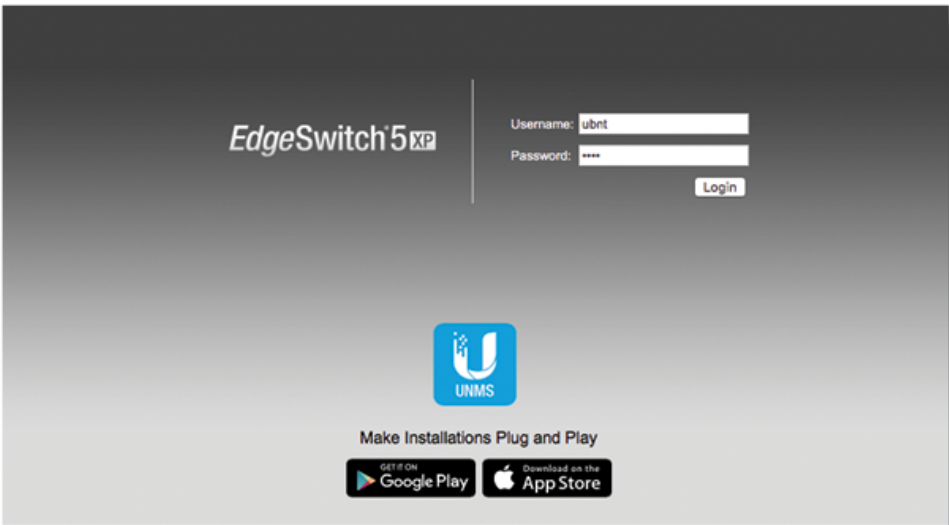


Note: By default, you can configure the EdgeSwitch via any port; however, we recommend the Management port. (Access to the Configuration Interface can be limited to the Management port only. You can configure this setting on the Device tab.)

2. Configure the Ethernet adapter on your host system with a static IP address on the 192.168.1.x subnet (e.g., 192.168.1.100).
3. Launch your web browser. Type `https://192.168.1.20` in the address field. Press enter (PC) or return (Mac).



4. Enter ubnt in the Username and Password fields. Click Login.



The Configuration Interface will appear and allow you to customize your settings. You can enable PoE on the Ports tab.

You can also manage your device using the Ubiquiti® Network Management System. UNMS™ lets you configure, monitor, upgrade, and back up your devices using a single application.

Specifications

ES-5XP	
Dimensions	197 x 87.5 x 27.3 mm (7.76 x 7.28 x 1.61")
Weight	250 g (8.82 oz)
Power Input	24VDC, 2.5A Power Adapter (Included)
Max. Power Consumption	60W
PoE Out Voltage Range	22-24VDC
Max. PoE Wattage Per Data Port	11.5W
ESD Rating	±24 kV Air/Contact
PoE Method	Passive
Button	Reset
USB Port	2.0 Type A (Reserved for Future Use)
Processor	MIPS 24K, 400 MHz
System Memory	64 MB
Code Storage	8 MB
PoE Configurable Per Port Management Port	N/A

LEDs Per Port Management Port Data Ports	Power/Link PoE, Speed/Link/Activity
Networking Interfaces Management Port Data Ports	(1) 10/100 Ethernet Port (5) 10/100/1000 Ethernet Ports
Operating Temperature	-25 to 55° C (-13 to 131° F)
Operating Humidity	90% Noncondensing
Certifications	CE, FCC, IC

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 specified may result in improper operation, damage to the equipment or pose a fire hazard if the limitations are not followed.
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.

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



Warning: This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

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

