eero

eero Outdoor 7 installation guide

INTRODUCTION

This guide takes you through setup and installation of the eero Outdoor 7 to extend your eero network outside. It's essential to follow the instructions and warnings in this guide to avoid harm to you or damage to your device or property.

Installation instructions covered in this guide:

(1) Determine how you are connecting your eero Outdoor 7 to your eero network.

(2) Check for clearance above and below your desired location.

(3) Mount the bracket.

Scan the QR code to watch the installation video.

SYSTEM REQUIREMENTS

eero Outdoor 7 is meant to extend your existing eero network. If you do not have an eero system, learn more at **eero.com**

eero Outdoor 7 can be powered via a PoE+ switch or injector with a CAT5e (or better) Ethernet cable, or via the 30W Outdoor PoE+ power adapter.

You will need the eero app. If you do not have the app, scan the QR code to download it and follow the instructions to set up your network.

TOOLS REQUIRED FOR INSTALLATION

· Phillips screwdriver

· Pencil or marker

· Ladder or step stool

· Power drill and drill bit (9/64 in. when using anchors or 7/64 in. when not using anchors)*

*Drill is not needed for vinyl installations.

NEED HELP?

If you require further support during the installation process, reach out to eero Customer Support by email at **support@eero.com** or by phone in the U.S. at +1-877-659-2347. Or learn more at **eero.com/setup/outdoor**

CONTENTS AND OPTIONAL ACCESSORIES

	eero Outdoor 7
	Mounting bracket
	M22 connector
	30W Outdoor PoE+ power adapter (may be sold separately)

Included Accessories		Wood or fiber cement	Vinyl siding	Pole or post	Stucco	Concrete, brick, or cement
	Two leveling screws	✓	✓	✗	✗	✗
	Two vinyl siding clips with screws	✗	✓	✗	✗	✗
	Two stainless screws, #8 (15 x 30 mm)	✓	✗	✗	✓	✗
	Two drywall anchors (30 mm)	✗	✗	✗	✓	✗

Additional mounting solutions (not included)

For concrete block, brick, or stone, use brick anchors. For a pole (min. 2 in. diameter), use a BAND-IT™ strap or stainless steel hose clamp.

Cable routing and grounding (not included)

Zip ties, P-clips, outdoor adhesive cable clips (for smooth surfaces), and vinyl clips without fasteners can be used for cable routing. A grounding wire can be used for additional safety.

Determine how you are connecting to your network.

Connecting wirelessly to your existing eero network?

Before mounting your eero Outdoor 7, check for wifi connectivity in your desired location. Plug it into your outdoor outlet via the 30W Outdoor PoE+ power adapter. When the LED next to the Ethernet port goes from blinking white to blue, add it to your eero network in the eero app. After confirming the device has been connected, unplug it and continue with installation.
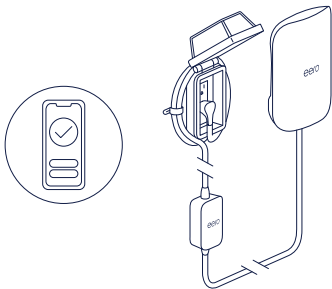

Setting up a wireless point-to-point link?
Two eero Outdoor 7s that have a clear line of sight between them can be used to wirelessly connect two structures or locations. For more instructions, visit
eero.com/setup/point-to-point

Using a wired connection to your existing eero network?

Before mounting your eero Outdoor 7, make sure the CAT5e (or better) Ethernet cable being used to power the eero and connect to your eero network is rated for outdoor use and is long enough to reach your desired location.
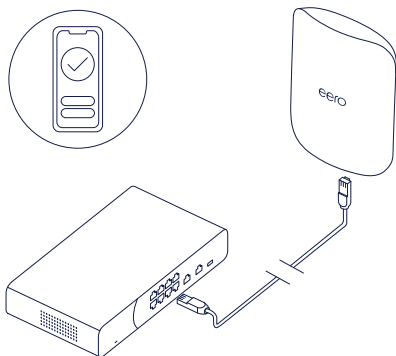

Power up the eero and connect to your existing eero network.

To power your eero, use a PoE+ switch or injector and a round CAT5e (or better) Ethernet cable.

Once you connect the eero Outdoor 7 to your eero network, the LED next to the Ethernet port will blink white when the device is powered on. The eero app will automatically add the device to your network. If it isn't added, the app will detect an eero device and prompt you to add it to the network. After confirming the device has been connected, unplug the Ethernet cable and continue with installation.

02
Check for clearance above and below your desired location.

For best results, mount the eero Outdoor 7 at a height of 6 to 15 ft. and free from obstructions. Ensure at least 1 ft. of clearance above the desired location so it can slide onto the mounting bracket and at least 1 ft. of clearance below the desired location to avoid any surface (like a shelf) where water may pool.

1 ft.

1 ft.

<1 ft.
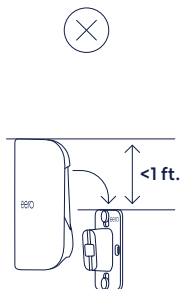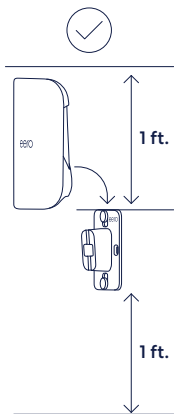
03
Mount the bracket.

For your safety, the eero device's longevity, and to maintain your warranty, follow these guidelines prior to drilling holes:

- The device **must** be installed with ports facing downward for it to function properly and to prevent water accumulation and ingress. This is **required** for proper installation; failure to do so will void the warranty.

- Check for hidden wires/pipes before drilling holes to avoid damage during installation.

- Do not use a flat Ethernet cable, as the M22 connector will not seal correctly around the cable.

- In environments with frequent electrical surges, grounding the 30W Outdoor PoE+ power adapter is recommended. Grounding wire is not included.

CAUTION: When mounting this device in elevated locations, use precautions to ensure that the device does not fall and harm bystanders or damage property.

Mounting on stucco, fiber cement, or wood:

1. Use the mounting bracket to mark the position of the mounting screws and a level to make sure they are at the same height. Make sure the eero logo on the mounting bracket is right side up.

2. For stucco: Drill pilot holes; then insert the anchors. Pilot holes should be 9/64 in. for the provided 30 mm anchors and #8 screws. Use the screws to attach the mounting bracket to the anchors.

3. For wood or fiber cement: Use the screws to attach the mounting bracket.

Note: Fiber cement panels and shingles often have a downward slope. The eero Outdoor 7 will operate properly at an angle. Alternatively, the retaining screws can be backed off, and the leveling screws in the mounting bracket can be used to adjust the up/down angle. If the leveling screws are not used, they may be removed.

Stucco

Wood
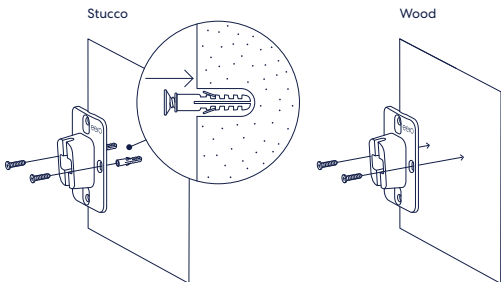
Mounting on vinyl siding:

1. Insert vinyl siding clips at a joint between siding panels.

2. Secure the mounting bracket to the clips with the included screws. The combination of the clips and the mounting bracket will pinch the siding material. Tighten the clip screws to maximize retention force. Make sure the eero logo on the mounting bracket is right side up.

3. Use the leveling screws to bring the back of the mounting bracket vertical. Hand-tighten at least 1/2 turn beyond the point where the bracket is approximately level.
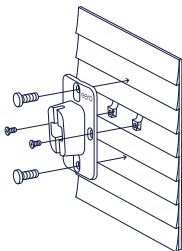
Mounting on a pole or post:

1. Insert the BAND-IT™ or stainless steel hose clamp (not included in the kit) through the slot on the back of the mounting bracket.

2. Ensure the eero logo on the mounting bracket is right side up, and tighten the clamp around the pole or post.
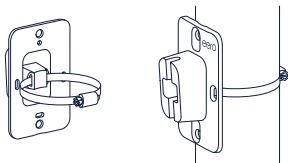
Slide the device onto the mounting bracket.

1. Place the eero Outdoor 7 on the mounting bracket, making sure the eero logo is right side up.

2. When lowered, the eero Outdoor 7 should click securely into place.
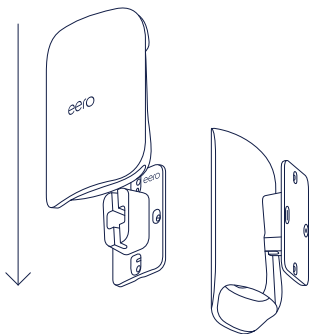
Connect the 30W Outdoor PoE+ power adapter or Ethernet cable.

1. If you are using the 30W Outdoor PoE+ power adapter, go to step 2 below. If you are using an Ethernet cable, insert it through the sealing nut. With the ridge of the seal facing the sealing nut, pull it open and enclose it around the cable; then push the cable through the M22 body. Once your cable is through the body, push the seal inside the prongs of the M22 body.

   Note: Some Ethernet cables with large outer moldings will not fit into the M22 body.

Sealing nut   Seal   Body
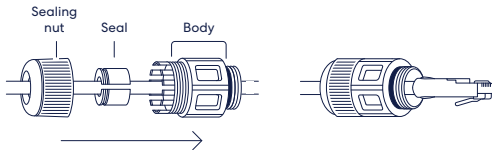
2. Plug in the Ethernet cable. Screw the M22 connector body into the eero Outdoor 7. Hand-tighten until the body is sealed against the eero Outdoor 7. Finally, hand-tighten the sealing nut until the gasket is sealed around the cable.
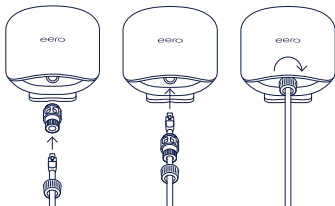
After confirming both sides of the M22 connector are sealed—and you have powered on your eero—you're done!

WARRANTY, SAFETY, AND LEGAL

⚠️ READ ALL SAFETY INFORMATION BEFORE USING THE DEVICE. FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS COULD RESULT IN FIRE, ELECTRIC SHOCK, OR OTHER INJURY OR DAMAGE.

⚠️ CHOKING HAZARD: Small parts contained in your device and its accessories may present a choking hazard to small children.

Your device and adapter (if included) can withstand outdoor use and contact with water under certain conditions. However, your device is not intended for underwater use and may experience temporary effects from exposure to water. Do not intentionally immerse your device in water. Do not spill any food, oil, lotion, or other abrasive substances on your device. Do not expose your device to pressurized water, high-velocity water, or extremely humid conditions (such as a steam room). Do not expose your device to saltwater or other conductive liquids. To protect against electric shock, do not place cord, plug, or device in water or other liquids. If your device gets wet from immersion in water or high-pressure water, carefully disconnect all cables without getting your hands wet and wait for it to dry completely before powering it on again. Do not attempt to dry your device with an external heat source (such as a microwave oven or a hair dryer). To avoid risk of electric shock, do not touch your device or any wires connected to your device during a lightning storm while your device is powered. If your device appears to be damaged, discontinue use immediately. To power your device, use only a PoE+ switch or injector and a CAT6a (outdoor rated) Ethernet cable, or the 30W Outdoor PoE+ power adapter (model number C510011). If using a power adapter, use a power source that is easily accessible and near the equipment that it will be plugged into. Your device may get warm during normal use. In direct sun and high temperatures, avoid touching the device, as it can get quite hot.

PRODUCT SPECIFICATIONS

Device name: eero Outdoor 7
Model number: SN10001
Electrical rating: PoE+ 25.5W | 802.3at
Tested to meet IP66 standards

Operating altitude: <9,800 ft. (<3,000 m)
Storage temperature: -40°F-158°F (-40°C-70°C)
Operating temperature: -40°F-131°F (-40°C-55°C)

FCC COMPLIANCE INFORMATION

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 complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules, which are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

· Reorient or relocate the receiving antenna.
· Increase the separation between the equipment and receiver.
· Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Modification of this device without the express permission of eero can void the user's authority to operate the equipment. This device has been tested and meets applicable limits for Radio Frequency (RF) exposure. This equipment should be installed and operated with a minimum distance of 30 cm between the radiator and your body.

Regulatory information can be found in the eero app by selecting your eero then Device Information. In some areas, the disposal of certain electronic devices is regulated. Make sure you dispose of or recycle your device in accordance with your local laws and regulations. Additional safety, compliance, recycling, and other important information regarding your device can be found at **eero.com/compliance**

TERMS OF SERVICE, PRIVACY NOTICE, AND LIMITED WARRANTY

3-year limited warranty. For warranty info, privacy policy, terms of service, trial and subscription terms, and more, visit **eero.com/legal**. If purchased from eero.com, Amazon.com, or from authorized resellers located in the United States, then the warranty is provided by, and the party responsible for FCC compliance is, eero LLC, PO Box 77880, San Francisco, CA 94107, USA