

Introduction

These mounting instructions describe the steps necessary for mounting a supported SonicWall® SonicWave 224w access point using a Standoff Mounting Plate. See the *SonicWall SonicWave 224w Quick Start Guide* for additional information on installation and configuration of the SonicWave 224w.

Included Hardware

The Standoff Mounting Plate hardware includes the plate itself along with two (2) mounting screws and two (2) anchors.

Standoff Mounting Plate Information

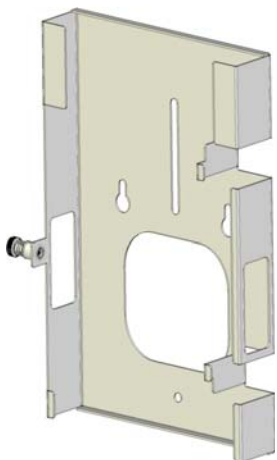
The SonicWave 224w Standoff Mounting Plate, SKU 02-SSC-1005, is supported for use with the following platforms:

- 01-SSC-2127 SonicWave 224w
- 01-SSC-2128 SonicWave 224w INTL
- 01-SSC-2129 SonicWave 224w JAPAN

Installing the Standoff Mounting Plate

The SonicWave 224w comes with a standard mounting plate that is designed to be mounted over an existing wall junction box. With the Standoff Mounting Plate, you can also mount your SonicWave 224w using a plate designed specifically for installations with only external wire sources available. The Standoff Mounting Plate leaves a larger gap between the desired mounting surface and the SonicWave. This plate is necessary for some locations as it allows for additional space for external cable routing.

Standoff Mounting Plate



To attach the alternate mounting plate to the wall or ceiling:

- 1 After determining the best location for your SonicWave 224w, place the smooth side of the mounting plate against the wall and with a pencil, mark the location of the two screw holes.
- 2 Set the plate down and drill two pilot holes at the marked locations. For a wooden wall, use a drill bit that is slightly smaller than the provided screws. For drywall, use a drill bit that accommodates the size of the anchors.
- 3 For drywall, screw the anchors into the pilot holes.
- 4 Place the mounting plate against the wall with the holes lined up on the marks or anchors.
- 5 Using the provided screws and a screwdriver, securely attach the mounting plate to the wall.

Installing the SonicWave 224w

This section describes how to connect the PoE and network cables and then attach the SonicWave 224w to the Standoff Mounting Plate.

The access point is powered by a Power over Ethernet (PoE) device. SonicWall recommends using CAT5e Ethernet cables to connect the devices.



CAUTION: An 802.3at compliant PoE injector or PoE enabled switch is required to provide power to each SonicWave 224w. To maintain power to the SonicWave 224w, the maximum length of CAT5e cable from the PoE device to the SonicWave 224w is 100 meters (333 feet).

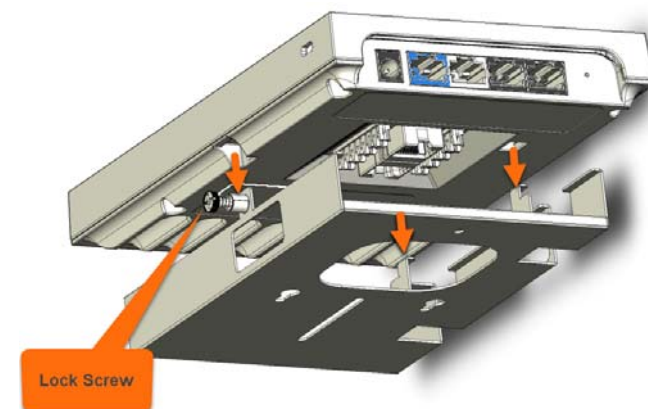
To connect the SonicWave 224w to a PoE and the network:

- 1 Thread the required power and Ethernet cables through the plate's left or right side panels.
- 2 **NOTE:** You can also access the SonicWave's wiring connections from the top or bottom of the Standoff Mounting Plate.
- 3 Using an Ethernet cable, connect the **Data in** port on the PoE Injector to an existing WLAN zone interface on the firewall or to an unused interface to be configured later in SonicOS.
- 3 Using a second Ethernet cable, connect the **Data and Power Out** port on the PoE injector to the LAN1/PoE IN port on your SonicWave 224w.

Refer to your *PoE Installation Guide* for more information.

Alternatively, insert the Ethernet cable wires into the corresponding punch down blocks and use a 110 punch down tool to secure the wires. See the *SonicWave 224w Quick Start Guide* Ports section for pin-out information.

- 4 Plug the power cord of the PoE Injector into an appropriate power outlet.
- 5 Wait up to two minutes for the LAN LED on the SonicWave 224w to illuminate. This indicates an active connection.
- 6 Optionally connect a second Ethernet cable or wires to the **Pass Through** port or punch down blocks.
- 7 While carefully arranging the cabling for clearance, line up the holes on the back of the SonicWave with the two tabs on the Standoff Mounting Plate and click it into place. Using the lock screw on the left side, finger-tighten the screw to secure the SonicWave to the plate.



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Legend



WARNING: A WARNING icon indicates a potential for property damage, personal injury, or death.



CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.



IMPORTANT, NOTE, TIP, MOBILE, or VIDEO: An information icon indicates supporting information.

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