



XCS 1180 Rack Mount Kit

This guide describes how to use the rack mount system to install your XCS 1180 Series device in a network rack.



Rack Mount Kit Contents

Each WatchGuard® XCS 1180 device ships with a rack mount system.

The rack mount system consists of:

- 2 outer rails — The outer rails include a slide to extend its length. It also has an extension safety lock.
 - 4 inner rail pieces
 - 2 of the inner rail pieces are initially attached to the outer rails. The other 2 inner rails are included separately in the box.
 - All 4 inner rails will be attached to the XCS device.
 - The inner rail has a finger tab extension safety lock.
 - 2 front ear brackets — To attach the front of the device to the rack.
 - 4 small cross-head black screws — To attach the front ear brackets to the device.
 - 20 cross-head screws — To attach the inner rails to the XCS device.
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Rack Mount Installation Precautions

When you install the XCS 1180 device in a rack, make sure you consider:

Elevated Operating Ambient Temperature

If you install the device in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Make sure the ambient temperature of the rack environment is within the certified operating range specified in the XCS 1180 *Hardware Guide*.

Reduced Air Flow

When you install the device in a rack, make sure that the amount of air flow required for safe operation of the equipment is not compromised.

Mechanical Loading

When you mount the device in the rack, avoid hazardous conditions caused by uneven mechanical loading.

Circuit Overloading

Make sure you connect the XCS 1180 device to the power supply circuit in such a way that there is no overloading of the circuits, and no impact on overcurrent protection and supply wiring.

Reliable Grounding

Make sure all rack-mounted equipment is correctly grounded. For example, make sure you use power strips instead of direct connections to the branch circuit.



CAUTION:

Do not use your slide/rail mounted device as a shelf or work space.

Rack Mount Rail Installation

Separate the Inner Rail Pieces from the Outer Rails

There are four inner rail pieces that must be attached to the XCS device (two inner rail pieces per side).

Two of the inner rail pieces come attached to the two outer rails. The other two inner rail pieces are included separately in the shipping box.

Remove the two inner rail pieces from the outer rails before you begin.



Attach the Inner Rails Pieces and Ear Brackets to the XCS Device

Use these steps to attach the inner rail pieces and front mounting brackets to the XCS 1180 device.

1. Position two inner rails along one side of the XCS 1180 chassis. Make sure that the finger tabs are facing out and are positioned towards the rear of the unit.
2. Align the screw holes in the rails with the holes on the sides of the XCS device.
3. Attach each inner rail piece to the chassis with five of the included cross-head screws.
4. Use the small black screws provided with the front ear bracket to attach the ear bracket to the front of the device.
5. Repeat these steps to attach the other two inner rail pieces and front ear bracket to the other side.



Attach the Outer Rails to the Rack

Use this procedure to mount the outer rails to the rack.

1. Use two rack screws and washers (not included) to connect the front bracket on the outer rail to the front post of the rack. The outer rail is typically seated on the inside of the rack post. Make sure that the sliding piece is toward the front of the rack and faces the center.



2. Extend and adjust the rear bracket depth to match the depth of the rack.
3. Use two rack screws and washers (not included) to connect the rear bracket to the rear post of the rack.
4. Repeat these steps to attach the other rail to the other side of the rack.

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Revision date: April 12, 2013

Part Number: 369-4554-001 Rev A

Install the XCS 1180 Device in the Rack

Use these steps to complete installation of the XCS 1180 device in the rack.

1. Hold the XCS device with its front facing you.
2. Lift the XCS device and carefully slide the inner rail pieces on each side of the chassis into the outer rail on each side of the rack.
3. Push the XCS device all the way toward the back until the front ear brackets touch the front posts of the rack.
4. You can use rack screws and a washer (not included) to attach the ear brackets to the rack if you do not plan to frequently pull this device out of the rack.



CAUTION:

We recommend that at least two people be present to install the device in the rack.

Remove the XCS 1180 Device from the Rack

The XCS 1180 rack mount system includes two sets of rail stops. You must press the tabs on the inner rail pieces to slide past the rail stops and remove the device from the rack. The tabs are located on each inner rail piece.

Each tab looks like this:



To remove the XCS 1180 from the rack:

1. If the XCS 1180 is secured to the front of the rack with rack screws in the ear brackets, make sure you remove the rack screws.
2. Slide the device out about half way until the first rail stops catch on each side.
3. Press the tabs on the inner rail pieces on both sides while you pull the device farther out.
4. Continue to slide the device out until the second rail stops catch on each side.
5. Press the tab on the inner rail pieces on both sides while you pull the device farther out.
6. Slide the device out of the rack.



CAUTION:

We recommend that at least two people be present to remove the device from the rack.

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