cisco Meraki

MS410 Series Installation Guide

Models

Model number	Description
MS410-16	Layer-3 16-port 1Gbe SFP and 2-port 10Gbe SFP+ aggregation switch with 1 management interface and hot-swappable power supplies / fans
MS410-32	Layer-3 32-port 1Gbe SFP and 4-port 10Gbe SFP+ aggregation switch with 1 management interface and hot-swappable power supplies / fans

Package contents

In addition to the MS switch, the following are provided (mounting kit provided with 1U models only):
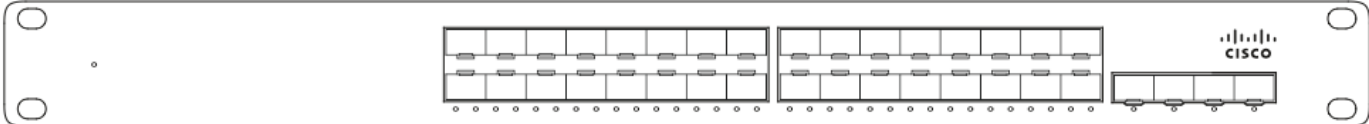

Rack Mounting Kit

Rack Mount Kit includes:

- US 12-24 mounting screws and cage nuts, 5 of each
- INTL M5 mounting screws and cage nuts, 5 of each
- INTL M6 mounting screws and cage nuts, 5 of each
- Mounting washers
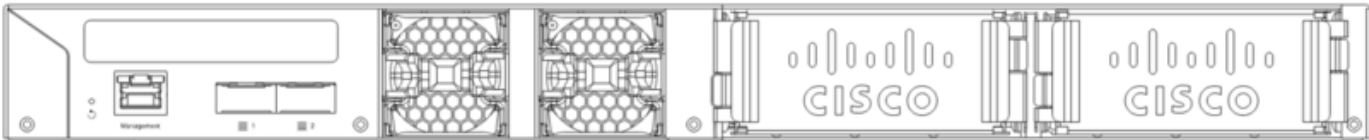
MS410-16 Series front panel

MS410-32 Series front panel

| Power input | Power cords may be ordered separately. |

MS410 Series Back Panel

Ports and Status Indicators

The MS uses LEDs to inform the user of the device's status. When the device powers on, the main LED will be amber. Additional functions are described below, from left to right.

Item	Function	LED Status	Meaning
1	Restore	N/A	Restore button to clear switch IP and local configuration settings
2	Fan	Orange	One or more of the system fans has malfunctioned or is missing

3	Power (PSU)	Orange	One of the system PSUs (power supplies) has malfunctioned or is missing
2	Status	Orange	Switch is unable to or has not yet connected to the Meraki cloud
		Flashing green	Firmware upgrade in process
		White	Switch is fully operational and connected to the Meraki cloud
		Alternating	Switch is booting, searching for uplink to Meraki Cloud
		Off	Switch does not have power
3	Switch Port LEDs	Off	No client connected
		Solid orange	10/100/1000 Mbps
		Solid green	10,000 Mbps (10Gbps)

In addition, there is a RESTORE button available on the front panel.

Insert a paper clip if a restore is required.

- A brief, momentary press: To delete a downloaded configuration and reboot.
- Press and hold for more than 10 sec: To force the unit into a full factory restore.

Management Port

This port is designed to access the local switch configuration page only. For more information on local configuration, please see Local Configuration.

> ⓘ
> The management port can not be used as a standard switched port

> ⓘ
> The MS410 series will ship with all fans and a single power supply included. Any additional parts, including fans and power supplies, can be purchased separately.

> ⊘
> Equipment is to be used only in a restricted access location and installed/operated only by trained service personnel.

Bringing your Stack Online

When connecting up your MS410 stack the recommended cabling method is to connect one uplink and then connect the stacking cables from stack port 1 to stack port 2 of the next switch. When at the bottom switch stack port 1 should connect back up to stack port 2 of the top switch. With this setup the switches will be able to connect to dashboard and update themselves and received any configuration necessary. Once the switches are up to date you may cable and configure as necessary.

It's recommended for bring-up to connect all of the stacking cables and a single uplink on the stack before powering the switches on. This will allow all switches to connect and download any necessary firmware and configuration. The Status LED will blink during firmware updates so that it will be visible if a switch is upgrading. Once all switches have had a

chance to update and are displaying solid White Status LEDs feel free to connect up the rest of the cables. More information on dashboard for stacks can be found [here](#).