MS250 Series Installation Guide

Model number	Description
MS250-24	Stackable Layer-3 24-port gigabit Ethernet switch with 4 SFP+ interfaces, hot-swappable power supplies
MS250-24P	Stackable Layer-3 24-port gigabit Ethernet 370W PoE switch with 4 SFP+ interfaces, hot-swappable power supplies
MS250-48	Stackable Layer-3 48-port gigabit Ethernet switch with 4 SFP+ interfaces, hot-swappable power supplies
MS250-48LP	Stackable Layer-3 48-port gigabit Ethernet 370W PoE switch with 4 SFP+ interfaces, hot-swappable power supplies
MS250-48FP	Stackable Layer-3 48-port gigabit Ethernet 740W PoE switch with 4 SFP+ interfaces, hot-swappable power supplies

Package contents

In addition to the MS switch, the following are provided:
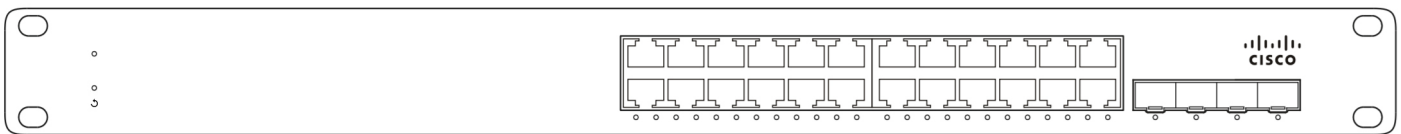

Rack Mounting Kit

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
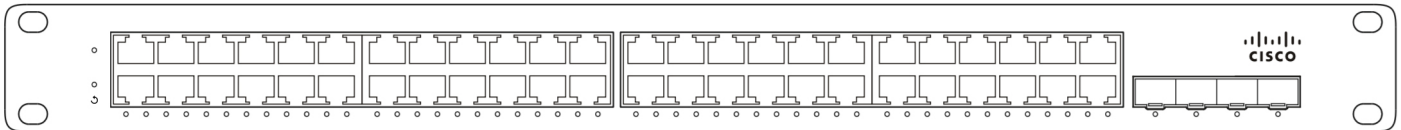- INTL M6 mounting screws and cage nuts, 5 of each
- Mounting washers

ⓘ Note: MS250 does not include stacking cables. Stacking cables sold separately.

ⓘ If using a 640WAC or 1025WAC power supply, it will require to use a C15 power cable.

MS250-24 Series front panel

MS250-48 Series front panel

Ports and Status Indicators

The MS uses LEDs to inform the user of the device's status. When the device powers on, all the Internet LEDs flash twice. Additional functions are described below, from left to right.

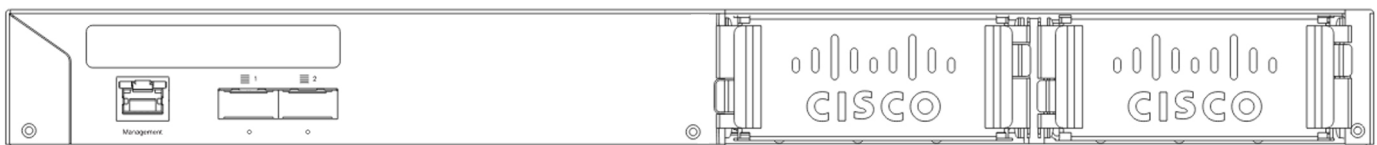| Item	Function	LED Status	Meaning
1	Power	Solid orange	Switch is unable to connect to the Meraki cloud
		Flashing white	Firmware upgrade in process
		Solid white	Switch is fully operational and connected to the Meraki cloud

		Off	Switch does not have power
2	Restore	N/A	Restore button to clear switch IP and local configuration settings
3	Switch Ports	Off	No link is detected on this port
		Solid orange	10/100 Mbps (1 Gbps on SFP+)
		Solid green	1 Gbps (10 Gbps on SFP+)

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

Insert a paperclip 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.

MS250 Series back panel

Item	Function	LED Status	Meaning
1	Management Interface	Green	Connected, used for easy access to the local status page
2	Stack Ports	Green	QSFP stacking cable is connected

		Off	No link is detected on this port
3	Redundant Power Supplies	Green	Active and functional power supplies

Power input	Power cords may be ordered separately.

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

Bringing your Stack Online

MS250 switches can be connected in a physical stack using dedicated stacking ports and cables. Configuration steps and additional information about stacking can be found [here](#).

Mounting hardware

The mounting hardware includes a rack mount kit for standard 1U racks. When installing the device, make sure that there is sufficient space between the rear of the rack and other obstacles to ensure adequate airflow.

Optional Mid-Mount bracket

All MS250 models are designed for an optional MA-MNT-MID-1 mid-mount bracket when using 2-post racks.