

MS225 Series Installation Guide

Model number	Description
MS225-24	Stackable Layer-2 24-port gigabit Ethernet switch with 4 SFP+ interfaces
MS225-24P	Stackable Layer-2 24-port gigabit Ethernet 370W PoE switch with 4 SFP+ interfaces
MS225-48	Stackable Layer-2 48-port gigabit Ethernet switch with 4 SFP+ interfaces
MS225-48LP	Stackable Layer-2 48-port gigabit Ethernet 370W PoE switch with 4 SFP+ interfaces
MS225-48FP	Stackable Layer-2 48-port gigabit Ethernet 740W PoE switch with 4 SFP+ interfaces

Package contents

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



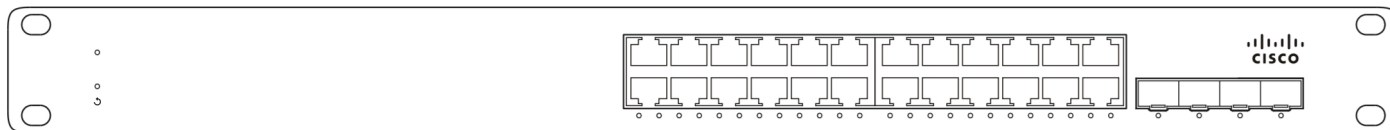
Rack Mounting Kit

Rack Mount Kit includes:

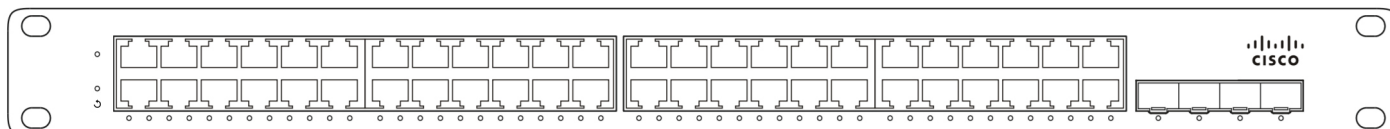
- US 12-24 mounting screws and cage nuts, 5 of each
- INTL M5 mounting screws and cage nuts, 5 of each
- INTL M6 mounting screws and cage nuts, 5 of each
- Mounting washers

Note: MS225 does not include stacking cables. Stacking cables sold separately.

MS225-24 Series front panel



MS225-48 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

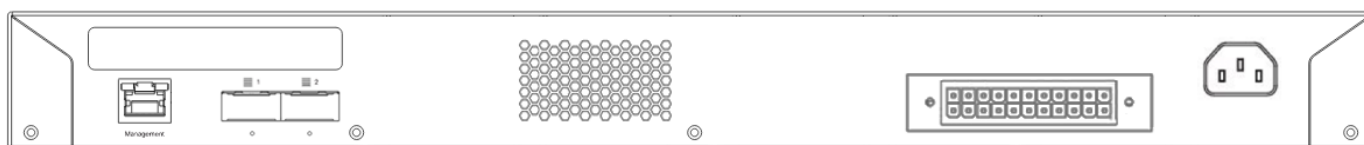
		Solid orange	10/100 Mbps (1 Gbps on SFP+)
		Solid green	1 Gbps (10 Gbps on SFP+)

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.

MS225 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	22-Pin Redundant Power Supply Connector	N/A	RPS2300 can be connected to provide redundant power in case of a failover

Power input	Power cords may be ordered separately.
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Equipment is to be used only in a restricted access location and installed/operated only by trained service personnel.

RPS2300 Redundant Power Supply (Optional)

The MS225 series supports connecting the Cisco RPS2300 for optional power redundancy. MS225 series models support failover and reversion to main power once it has been restored. The following Cisco part numbers are supported:

Part number	Description
PWR-RPS2300	RPS Chassis
C3K-PWR-750WAC	750W RPS Power supply (see recommendations)
C3K-PWR-1150WAC	1150W RPS Power supply (see recommendations)
CAB-RPS2300-E=	RPS 22-pin cable

Bringing your Stack Online



The MS210 and MS225 series switches additionally support cross-model stacking, meaning an MS210 can be stacked with an MS225 and vice-versa.

MS225 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

MS225 48 port models are designed for an optional MA-MNT-MID-1 mid-mount bracket when using 2-post racks.