

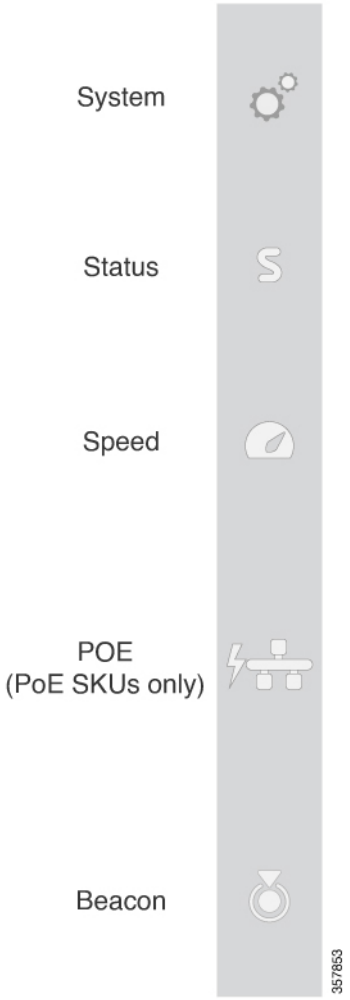
Switch LEDs

- LEDs, on page 1
- System LED, on page 2
- Status (STAT) LED, on page 3
- Speed LED, on page 3
- PoE LED, on page 3
- Port LEDs and Modes, on page 3
- PD Power LEDs, on page 5
- Beacon LED, on page 6
- LEDs in the cloud-managed mode , on page 6

LEDs

Switch Front Panel LEDs

You can use the switch LEDs to monitor switch activity and its performance.



System LED

Table 1: System LED

Color	System Status
Off	System is not powered on.
Green	System is operating normally.
Blinking green	System is loading the software.
Amber	System is receiving power but is not functioning properly.

Status (STAT) LED

Table 2: Status LED

Color	System Status
Off	Status mode is disabled.
Green	Status mode is enabled. Port LEDs function as described in Port LEDs and Modes, on page 3.

Speed LED

LED Status	Link Status
Off	Speed mode is disabled.
Green	Speed mode is enabled. Port LEDs function as described in Port LEDs and Modes, on page 3.

PoE LED

The PoE LED indicates the status of the PoE mode: either PoE, PoE+ or UPOE.

Table 3: PoE LED

Color	Description
Off	PoE mode is not enabled. None of the 10/100/1000 ports have been denied power or are in a fault condition.
Green	PoE mode is enabled and Port LEDs function as described in Port LEDs and Modes, on page 3.

Port LEDs and Modes

Each Ethernet port has a port LED. These port LEDs, as a group or individually, display information about the switch and about the individual ports. To select or change a mode, press the Mode button until the desired mode is highlighted. When you change port modes, the meanings of the port LED colors also change.

Port Mode	Ports	LED Status	Link Status
STAT (port status)		Off	No link, or port was administratively shut down.
		Green	Link present, no activity.
		Blinking green	Activity. Port is sending or receiving data.
		Alternating green-amber	Link fault. Error frames can affect connectivity, and errors such as excessive collisions, CRC errors, and alignment and jabber errors are monitored for a link-fault indication.
		Amber	Port is blocked by Spanning Tree Protocol (STP) and is not forwarding data. After a port is reconfigured, the port LED can be amber for up to 30 seconds as STP checks the switch for possible loops.
		Blinking amber	Port is blocked by STP and is sending and receiving data.
SPEED	10/100/1000 ports	Off	Port is operating at 10 Mb/s.
		Green	Port is operating at 100 Mb/s.
		Blinking green (on for 100 ms, off for 1900 ms)	Port is operating at 1000 Mb/s.
	Uplink ports with 1G SFP module installed	Off	Port is operating at 10 Mb/s.
		Green	Port is operating at 100 Mb/s.
		Blinking green	Port is operating at 1000 Mb/s.
	Uplink ports with 10G SFP+ module installed	Off	Port is not operating
		Green	Port is operating at 10 Gb/s.
		Blinking green	Port is operating at 1 Gb/s.
PoE+[1]		Off	PoE mode is not enabled. None of the 10/100/1000 ports have been denied power or are in a fault condition.
		Green	PoE mode is enabled, and the port LED displays green when the switch port is providing power.
		Amber	PoE is disabled for the port.
		Blinking amber	PoE mode is off due to a fault condition.
		Alternating green and amber	PoE port is denied power because providing power to the powered device exceeds the switch power capacity.

[1] Only switches with PoE or PoE+ ports.

PD Power LEDs

The PD power LEDs indicates the status of the additional LED under the PD port of C9200CX-12T and C9200CX-8PT-2G.

Figure 1: PD port LEDs on C9200CX-12T

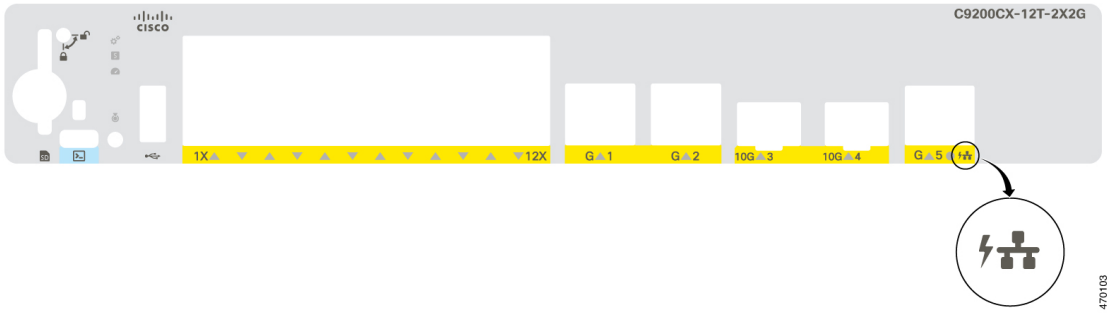


Table 4: PD Power LEDs on C9200CX-12T

Color	Description
Off	PD power is not active.
Green	System is powered by PD power.
Amber	System has detected and classified PD power is insufficient to power the system. **Note** • The LED glows amber to indicate a host PSE system in 802.3at mode where Class 6 Single Signature PD is not detected. • UPOE+ system, if using 802.3bt mode, can power up the system. • Auxiliary power input is of high priority and will be used, if available.

Figure 2: PD port LEDs on C9200CX-8PT

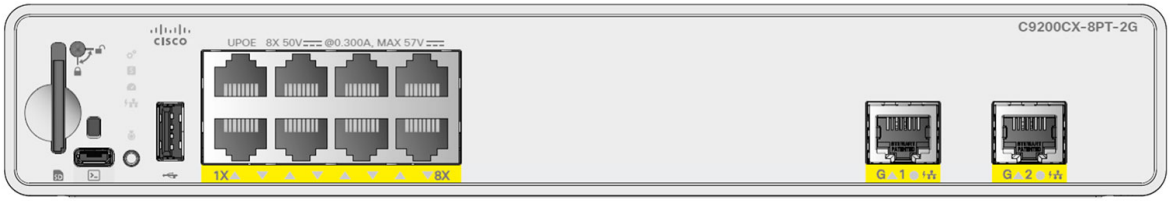


Table 5: PD Power LEDs on C9200CX-8PT

Color	Description
Off	PD power is not active.
Green	System is powered by PD power. Green also indicates that the system is powered from an alternative power port and this PD power can still be at a lower level than 30W classification. **Note** • Must use the console output to determine the PD power levels.
Amber	System has detected and classified PD power is insufficient to power the system. **Note** • Amber only works when no other power source is available to indicate insufficient power classification level.

Beacon LED

The beacon can be enabled by using the CLI.

LEDs in the cloud-managed mode

This section describes the status of LEDs when the switch is in cloud-managed mode.

Table 6: LED status in cloud-managed mode

System status	Blue beacon LED	Status LED
Switch is not receiving power	Off	Off
Switch is powered on and is loading the bootstrap firmware		Amber
Switch is loading the operating system		Blinking green
System error: Switch failed to load operating system or bootstrap firmware		Blinking amber

System status	Blue beacon LED	Status LED
Setting up local management and cloud-connectivity requirements **Note** If the switch was not assigned a static management IP address previously, it will try to obtain an IP address through DHCP at this stage	Flashing blue	Toggling between green and amber, or blinking green
System error: Switch failed to complete local provisioning		Amber
Switch is completely provisioned but unable to connect to Meraki cloud	Blue	Amber
Firmware download or upgrade is in progress		Blinking green
There is a fault with the power supply, fan, or network module (not traffic-related)		Blinking amber
Switch is fully operational and connected to the Meraki cloud		Green