



Overview of Cisco Catalyst Cellular Gateway

Cisco Catalyst Cellular Gateway combines the latest in cellular technology with deployment flexibility, and ease of management. Faster 4G and 5G speeds, supported on Cisco Catalyst Cellular Gateway is the primary connectivity alongside Internet and MPLS modes of transport.

Cisco Catalyst Cellular Gateway enables fast cellular connection to virtually any Cisco host platform. Connected to the host devices through Ethernet and available with Power over Ethernet (PoE), the Cisco Catalyst Cellular Gateway can be deployed wherever cellular signal reception is strong. The Gateway has the ability to support new applications, either cloud hosted or on-prem, and can connect devices in a reliable and flexible manner, thereby making it easier to migrate to a wireless WAN with guaranteed QoS.

Table 1: Cisco Catalyst Cellular Gateway SKUs

Cisco 5G LTE	Mode	Operating Regions	Frequency Band
CG418-E	LTE	Global	<ul style="list-style-type: none"> • LTE bands 1-5, 7, 8, 12-14, 17, 18-20, 25, 26, 28-30, 32, 38-42, 46, 48, 66, and 71 • FDD LTE 600 MHz (band 71), 700 MHz (bands 12, 13, 14, 17, 28, and 29), 800 MHz (band 20), 850 MHz (bands 5, 18, 19, and 26), 900 MHz (band 8), 1500 MHz (band 32), 1700 MHz (bands 4 and 66), 1800 MHz (band 3), 1900 MHz (bands 2 and 25), 2100 MHz (band 1), 2300 MHz (band 30), 2600 MHz (band7) • TDD LTE 1900 MHz (band 39),2300 MHz (band 40), 2500 MHz (band41), 2600 MHz (band 38), 3500 MHz (bands 42 and 48), 3700 MHz (band 43), and 5200 MHz (band 46)
CG522-E	LTE, Sub-6, HSPA+/WCDMA	Global	<ul style="list-style-type: none"> • LTE bands 1-8, 12-14, 17-20, 25, 26, 28-30, 32, 34, 38-42, 46, 48, 66, and 71 • Sub-6G n1, n2, n3, n5, n28, n41, n66, n71, n77, n78, n79 • HSPA+/WCDMA Bands 1-6, 8, 9, and 19

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Front Panel of Cisco Catalyst Cellular Gateway

The following figure shows the I/O side panel of the Cisco Catalyst Cellular Gateway units CG418-E and CG522-E.

Figure 1: Front Panel of the Cisco Catalyst Cellular Gateway Unit: CG418-E

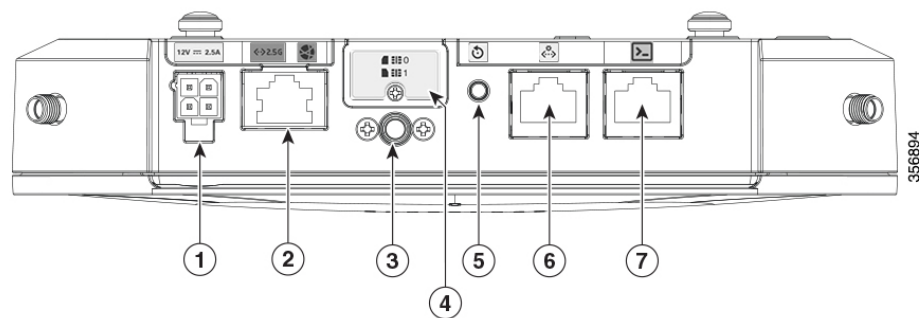


Table 2:

1	PWR socket (for AC/DC converter)
2	Gigabit Ethernet-WAN
3	GPS (CG418-E only)
4	Cover for dual SIM (SIM 0 SIM 1)
5	Reset
6	Aux port
7	Console (RJ-45)

Figure 2: Front Panel of the Cisco Catalyst Cellular Gateway Unit: CG522-E

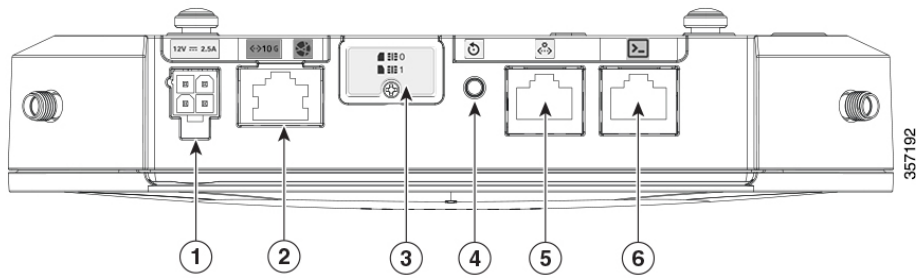


Table 3:

1	PWR socket (for AC/DC converter)
2	Gigabit Ethernet-WAN
3	Cover for dual SIM (SIM 0 SIM 1)
4	Reset
5	Aux port
6	Console (RJ-45)

LED Behaviors

The following table lists the LED indicators and their behavior. The LEDs provide a visual indication of the status and the currently selected services.

LED Indicators: CG418-E

1	Status LED
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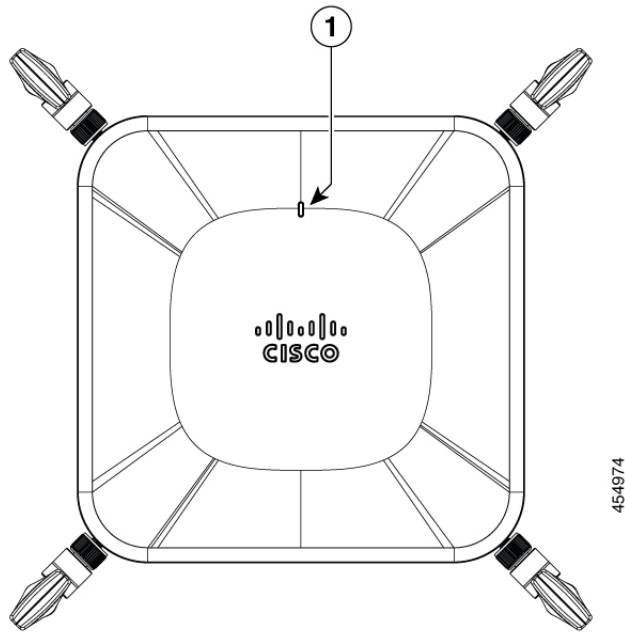
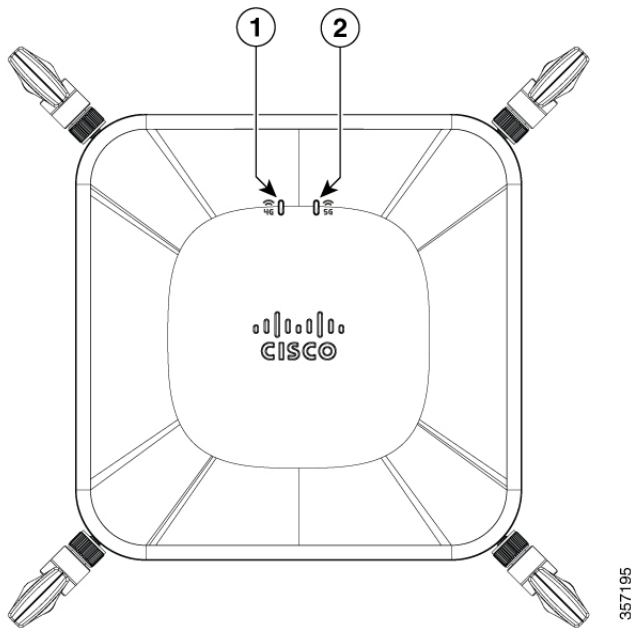
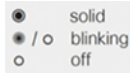


Figure 3: LED Indicators: CG522-E



1	4G Status LED
2	5G Status LED



Red	Green	Blue	Function
			<ul style="list-style-type: none"> All functions working. In case of CG522-E, the blinking of the 4G LED or the 5G LED indicates the current speed of the gateway. Maximum cellular signal: Three or four bars LAN interface up
			<ul style="list-style-type: none"> All functions working. In case of CG522-E, the blinking of the 4G LED or the 5G LED indicates the current speed of the gateway. Medium cellular signal: One or two bars LAN interface up
			<ul style="list-style-type: none"> Operating system booted Modem state is not defined LAN interface up
			<ul style="list-style-type: none"> Operating system booted LAN-establishing link
			System booting
			Power on

Compliance Labeling

The compliance label at the bottom of the product includes Common Language Equipment Identifier (CLEI), Serial Number (SN), and so on as shown in the following figure.

