



## Hardware Features

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This chapter describes the hardware features of Cisco Catalyst Wireless 9162I Wi-Fi 6E Access Point and contains the following sections:

- [Access Point Views, Ports, and Connectors, on page 1](#)
- [CW9162I \(Internal Antenna\) Radiation Patterns, on page 3](#)

### Access Point Views, Ports, and Connectors

Cisco Catalyst Wireless 9162I Wi-Fi 6E Access Point has multiple options that you can use to power the AP. For information about connectors and ports for the AP models, see [Connectors and Ports on the AP, on page 1](#).

### Connectors and Ports on the AP

The following figures show the available ports on the AP:

### CW9162I Face View

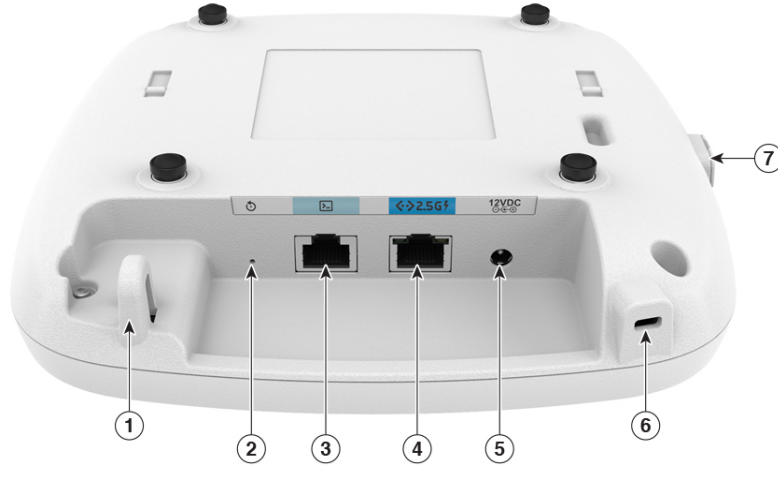
Figure 1: CW9162I Face View



|   |  |
|---|--|
| 1 | Location of the ports and connectors on the head of the AP.                                    |
| 2 | USB 2.0 port   |
| 3 | Status LED<br>For information on the LEDs status, see <a href="#">LED Status Indications</a> . |

**CW9162I Top View**

*Figure 2: CW9162I Top View with Connectors and Ports*



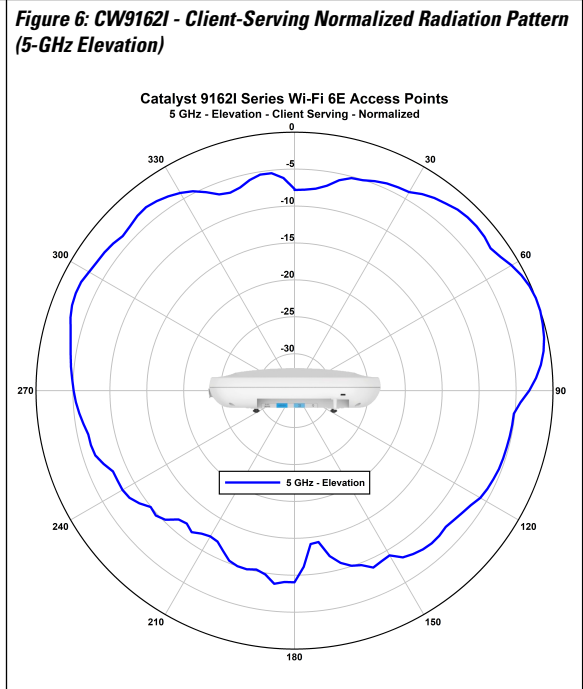
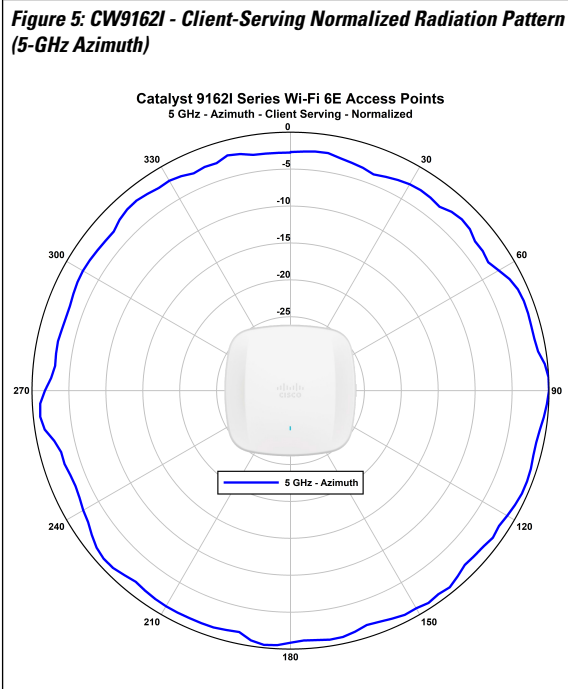
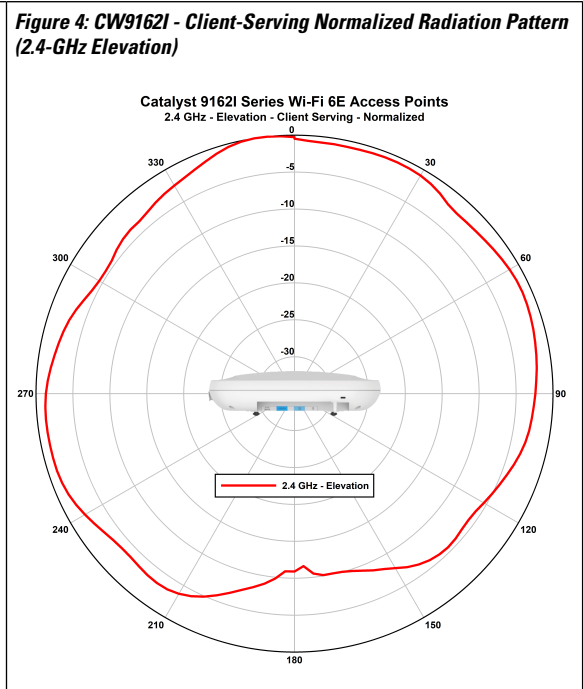
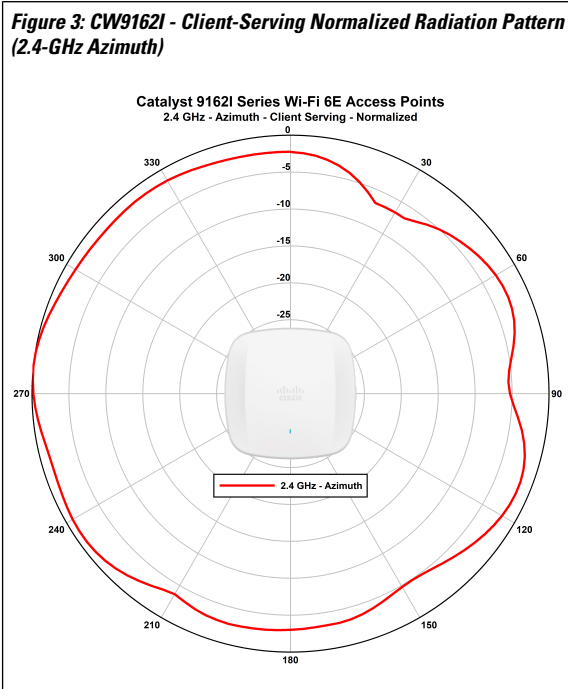
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|   |   |   |                         |
|---|---|---|-------------------------|
| 1 | Security hasp for padlocking AP to mounting bracket   | 5 | DC 12V power input port |
| 2 | Mode button<br>For information on how to use the Mode button, see the <a href="#">Using the Mode Button</a> section | 6 | Kensington lock slot    |
| 3 | RJ-45 console port  | 7 | USB 2.0 port            |
| 4 | 2.5GbE port   |   |                         |

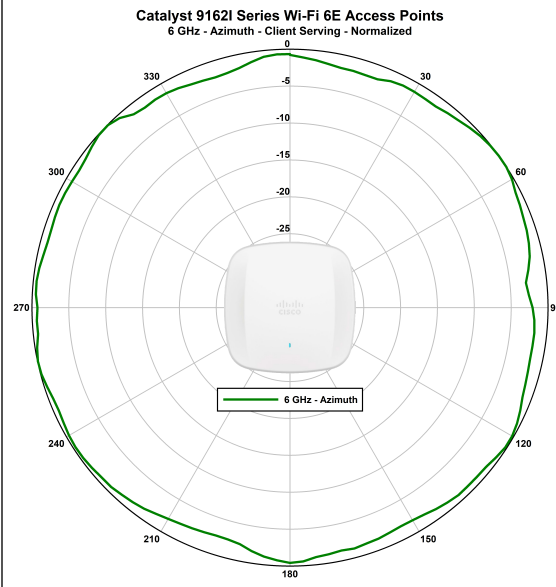
## CW9162I (Internal Antenna) Radiation Patterns

The following illustrations show the CW9162I model with internal antenna radiation patterns:

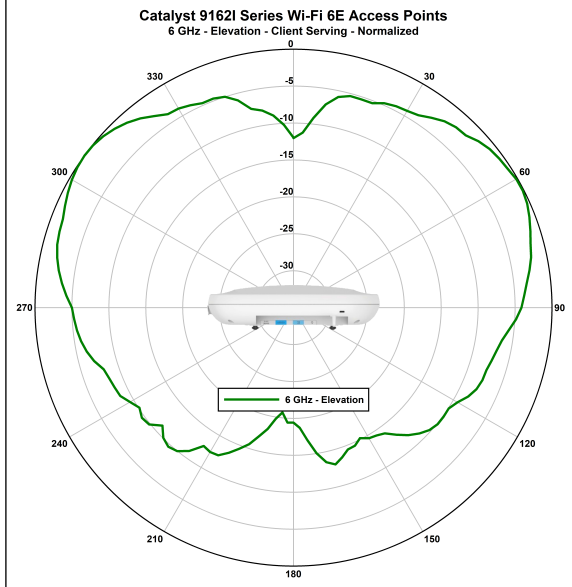
Table 1: Cisco Catalyst CW9162I AP Radiation Patterns



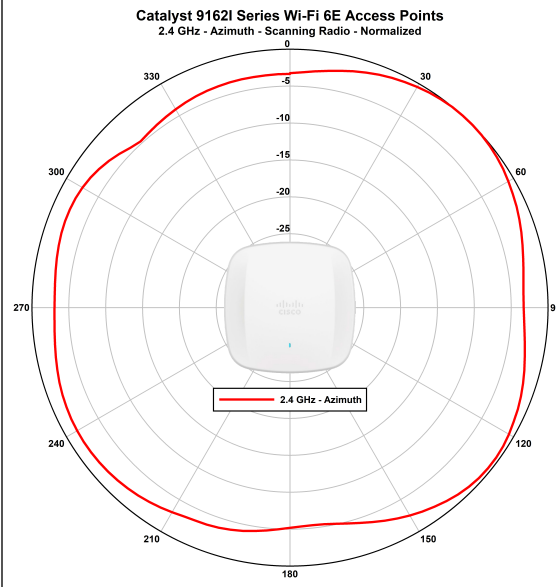
**Figure 7: CW9162I - Client-Serving Normalized Radiation Pattern (6-GHz Azimuth)**



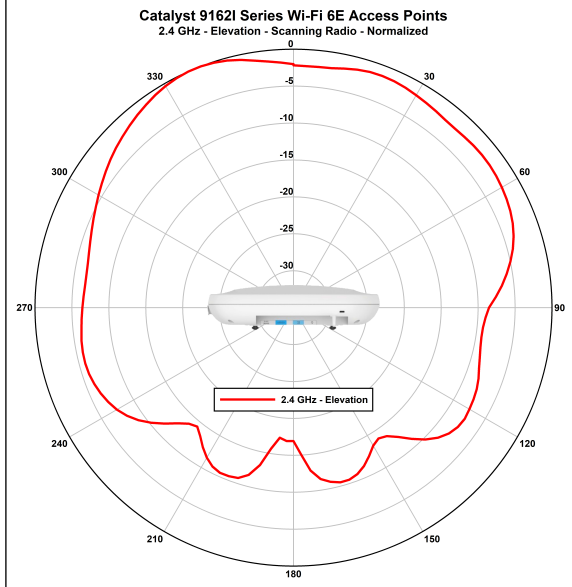
**Figure 8: CW9162I - Client-Serving Normalized Radiation Pattern (6-GHz Elevation)**



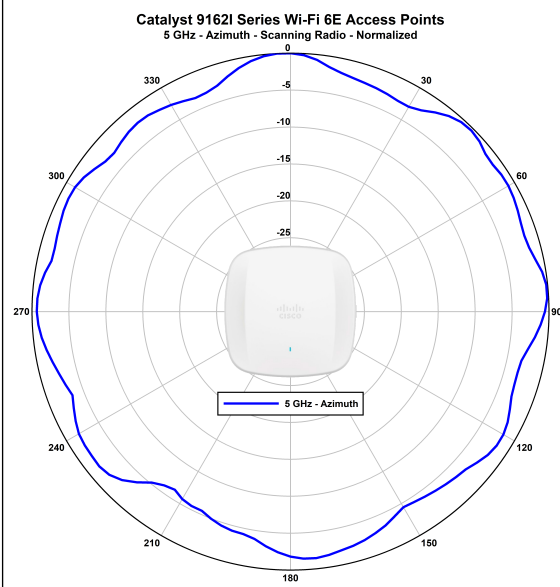
**Figure 9: CW9162I - Scanning Radio-Normalized Radiation Pattern (2.4-GHz Azimuth)**



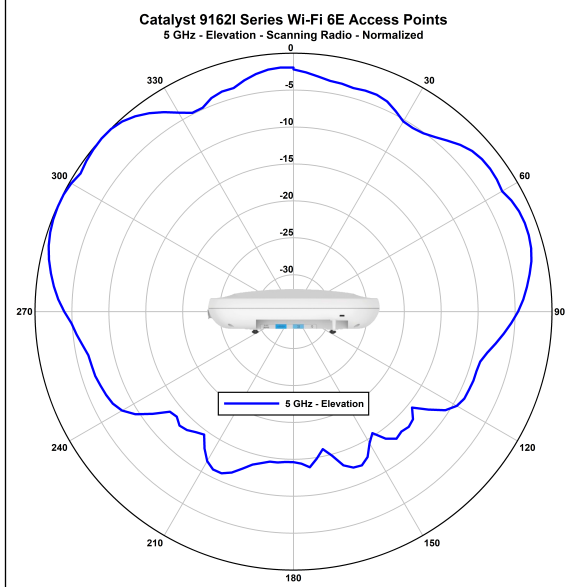
**Figure 10: CW9162I - Scanning Radio-Normalized Radiation Pattern (2.4-GHz Elevation)**



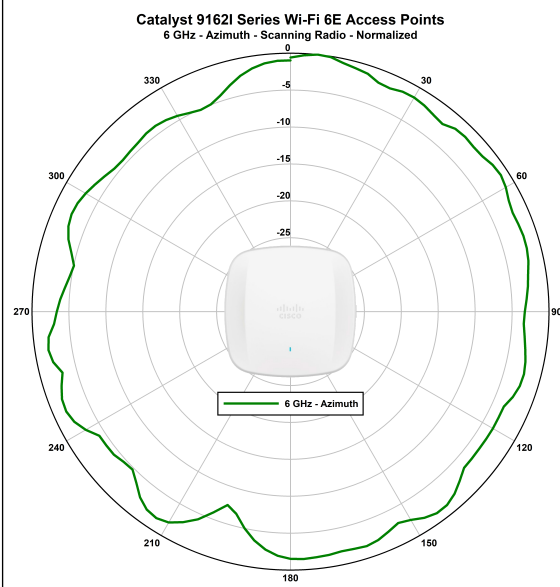
**Figure 11: CW9162I - Scanning Radio-Normalized Radiation Pattern (5-GHz Azimuth)**



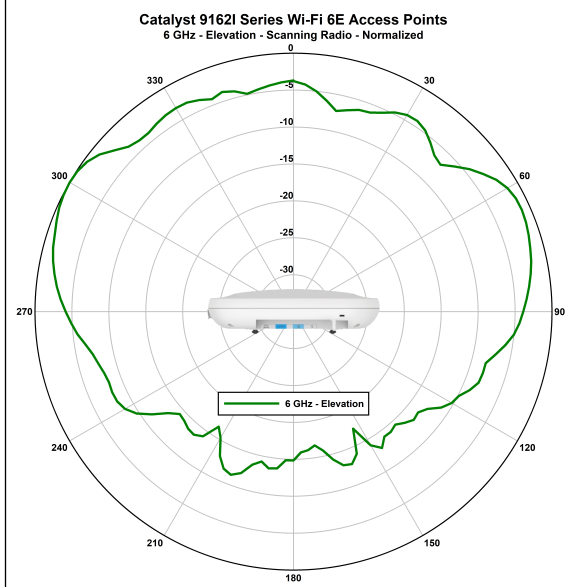
**Figure 12: CW9162I - Scanning Radio-Normalized Radiation Pattern (5-GHz Elevation)**



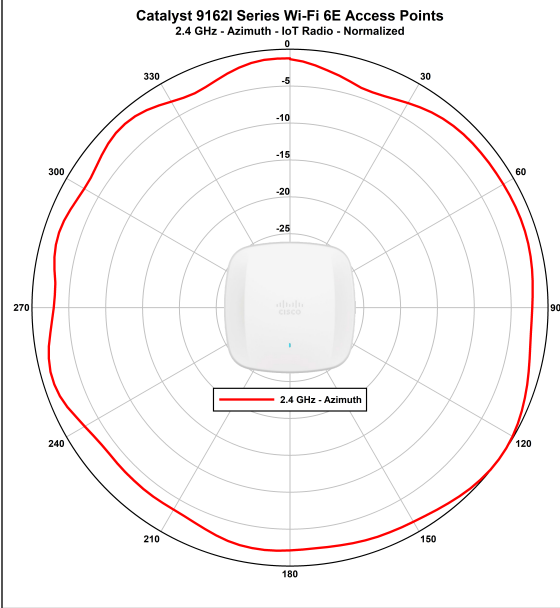
**Figure 13: CW9162I - Scanning Radio-Normalized Radiation Pattern (6-GHz Azimuth)**



**Figure 14: CW9162I - Scanning Radio-Normalized Radiation Pattern (6-GHz Elevation)**



**Figure 15: CW9162I - IoT Antenna-Normalized Radiation Pattern (2.4-GHz Azimuth)**



**Figure 16: CW9162I - IoT Antenna-Normalized Radiation Pattern (2.4-GHz Elevation)**

