



## Hardware Features

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This chapter describes the hardware features of Cisco Catalyst 9136 Series Access Points and contains the following sections:

- [Access Point Views, Ports, and Connectors](#), on page 1
- [C9136I \(Internal Antenna\) Radiation Patterns](#), on page 3

### Access Point Views, Ports, and Connectors

The AP 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.

#### Environment Sensors

The AP has inbuilt environment sensors that work with Cisco Spaces (earlier known as Cisco DNA Spaces). There are two visible vents at the top of the AP. The sensors measure the following environment parameters:

- Ambient air temperature
- Air quality (Total Volatile Organic Compounds [TVOC])
- Humidity

### Connectors and Ports on the AP

The following figures show the available ports on the AP:

### C9136I Face View

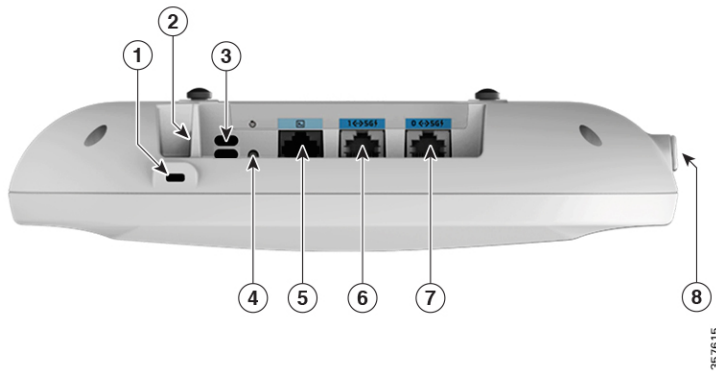
Figure 1: C9136I Face View



1	Status LED
2	Location of the ports and connectors on the head of the AP.
3	USB 2.0 port

### C9136I Top View

Figure 2: C9136I Top View with Connectors and Ports

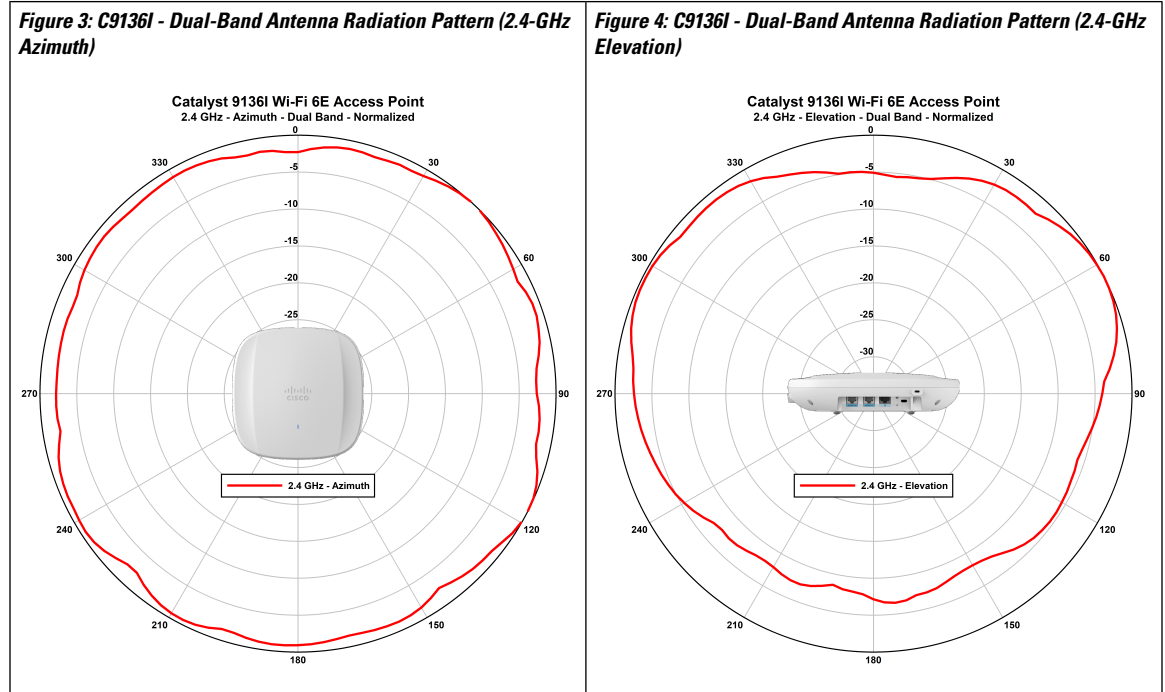


1	Kensington lock slot	5	RJ-45 console port
2	Security hasp for padlocking AP to the mounting bracket	6	5-GbE port 1
3	Environment Sensor vents	7	5-GbE port 0

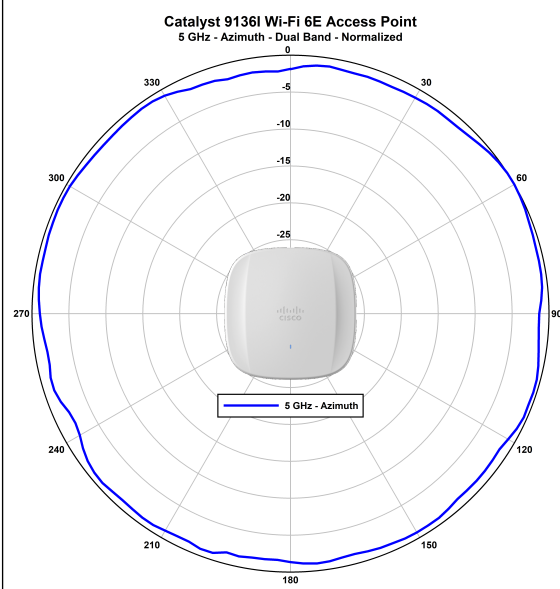
4	Mode button For information about how to use the Mode button, see <a href="#">Using the Mode Button</a>	8	USB 2.0 port
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## C9136I (Internal Antenna) Radiation Patterns

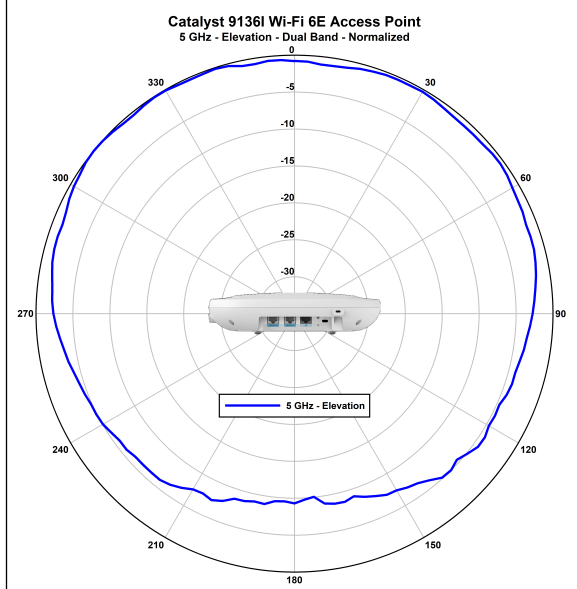
The following illustrations show the C9136I model with internal antenna radiation patterns:



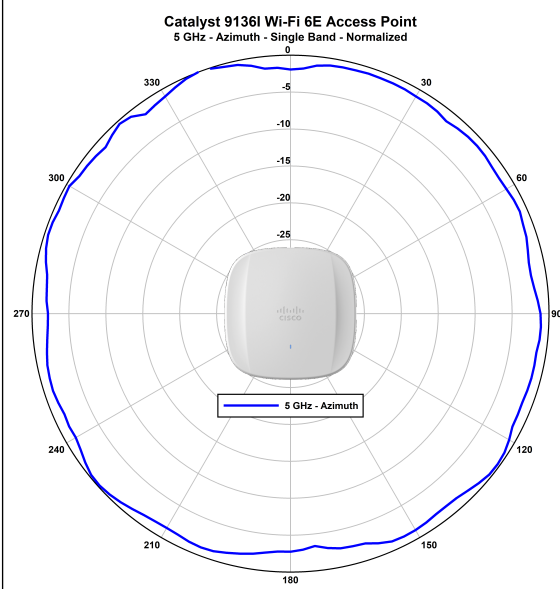
**Figure 5: C9136I - Dual-Band Antenna Radiation Pattern (5-GHz Azimuth)**



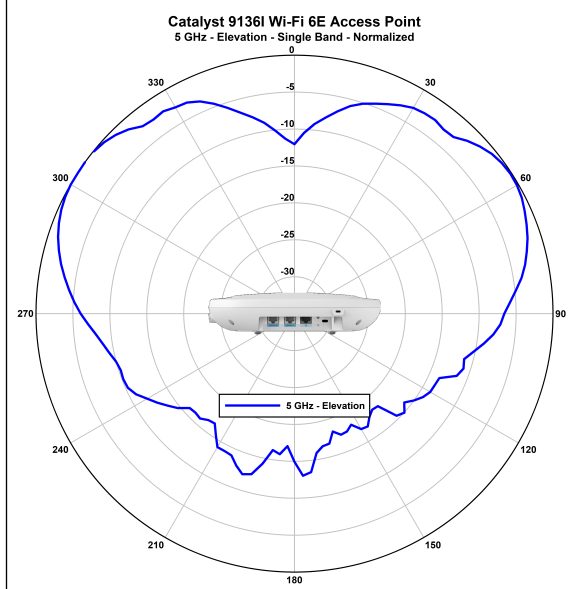
**Figure 6: C9136I - Dual-Band Antenna Radiation Pattern (5-GHz Elevation)**



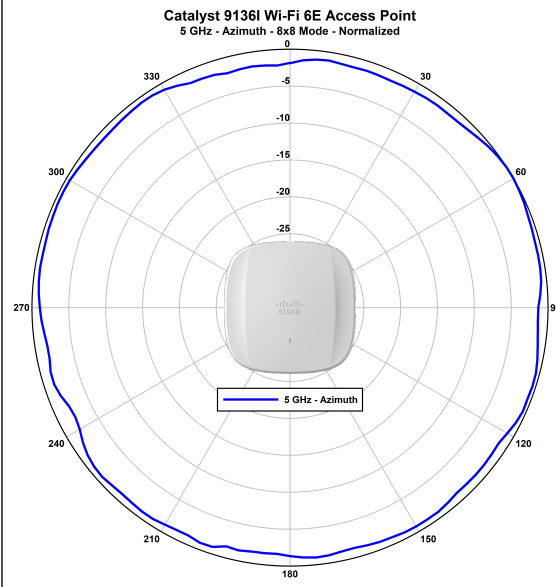
**Figure 7: C9136I - Single-Band Antenna Radiation Pattern (5-GHz Azimuth)**



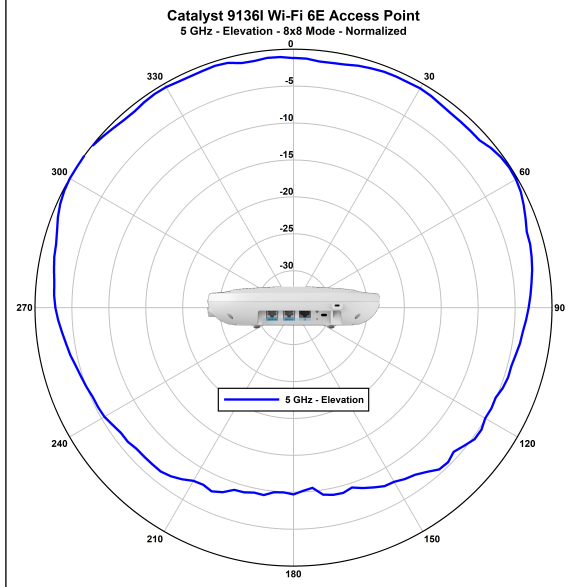
**Figure 8: C9136I - Single-Band Antenna Radiation Pattern (5-GHz Elevation)**



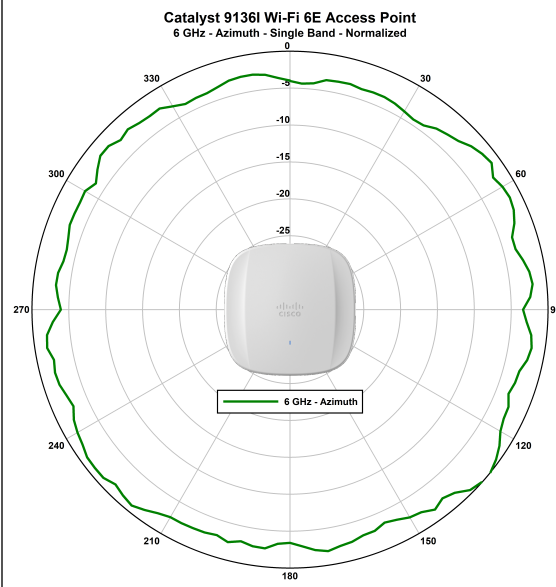
**Figure 9: C9136I - 8x8 Mode Antenna Radiation Pattern (5-GHz Azimuth)**



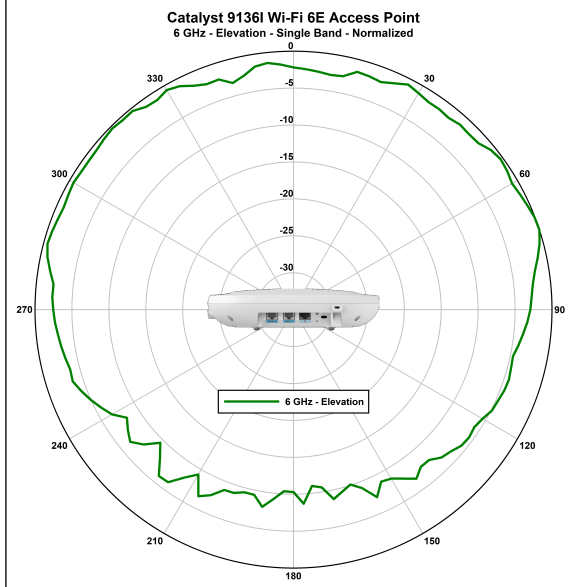
**Figure 10: C9136I - 8x8 Mode Antenna Radiation Pattern (5-GHz Elevation)**



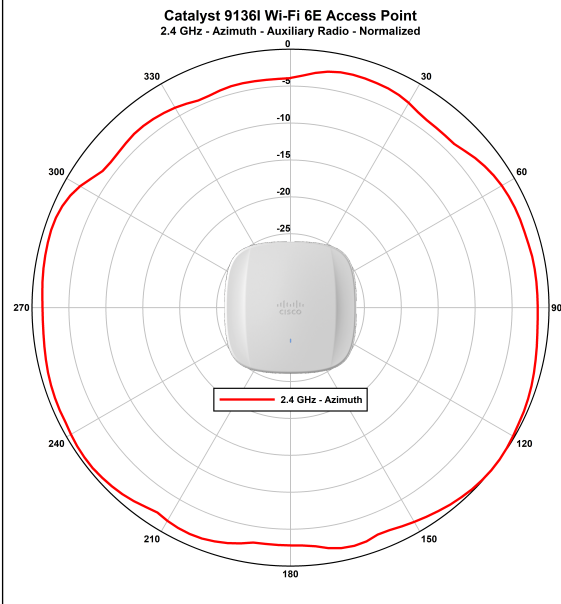
**Figure 11: C9136I - Single-Band Antenna Radiation Pattern (6-GHz Azimuth)**



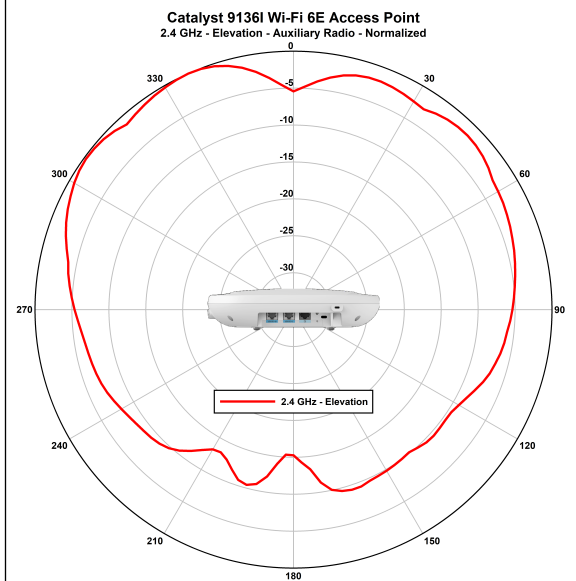
**Figure 12: C9136I - Single-Band Antenna Radiation Pattern (6-GHz Elevation)**



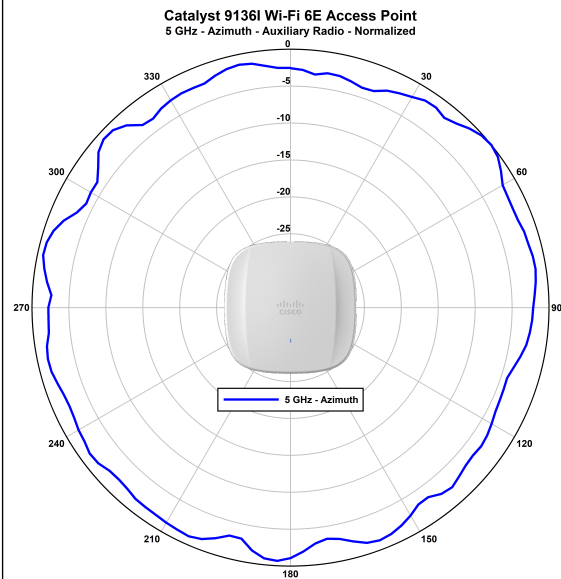
**Figure 13: C9136I - AUX Antenna Radiation Pattern (2.4-GHz Azimuth)**



**Figure 14: C9136I - AUX Antenna Radiation Pattern (2.4-GHz Elevation)**



**Figure 15: C9136I - AUX Antenna Radiation Pattern (5-GHz Azimuth)**



**Figure 16: C9136I - AUX Antenna Radiation Pattern (5-GHz Elevation)**

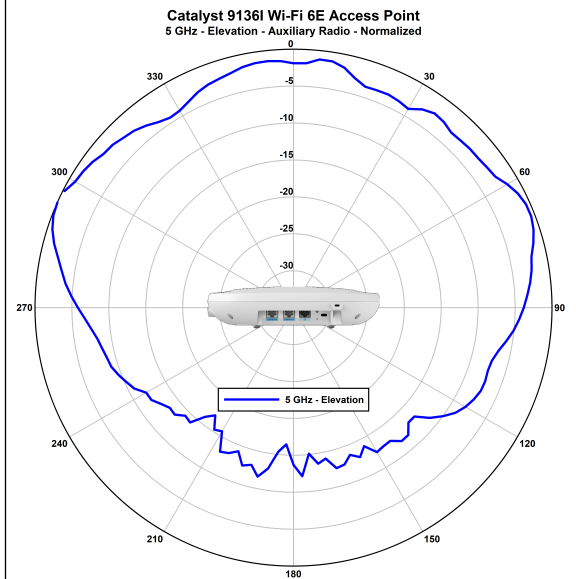


Figure 17: C9136I - AUX Antenna Radiation Pattern (6-GHz Azimuth)

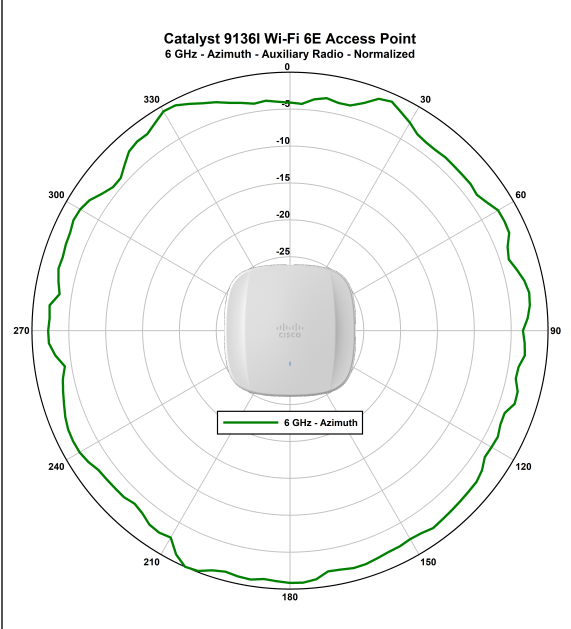


Figure 18: C9136I - AUX Antenna Radiation Pattern (6-GHz Elevation)

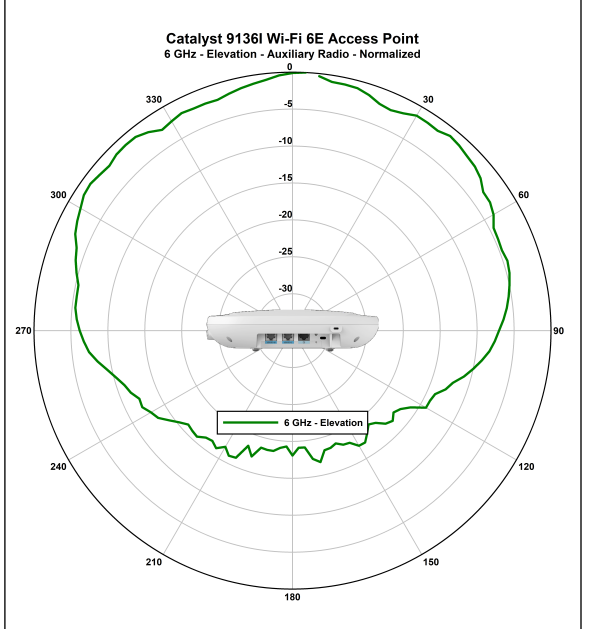


Figure 19: C9136I - IoT Antenna Radiation Pattern (2.4-GHz Azimuth)

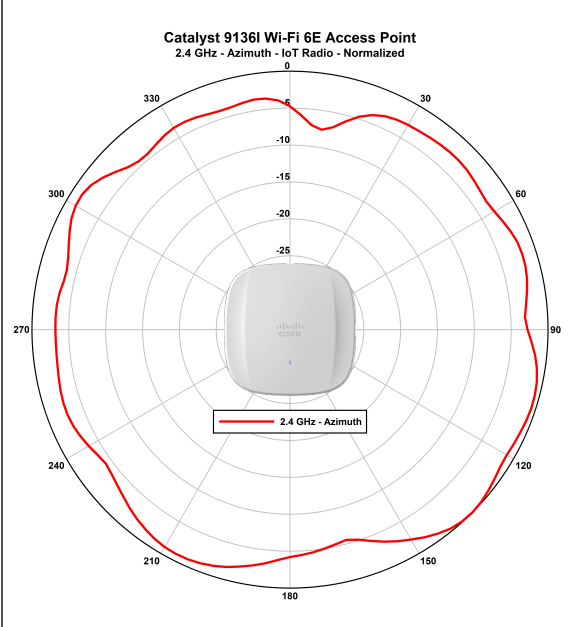


Figure 20: C9136I - IoT Antenna Radiation Pattern (2.4-GHz Elevation)

