Overview

Cisco® Aironet® 1540 Series outdoor access points offer the latest 802.11ac Wave 2 functions in a rugged, ultra-low-profile housing that service providers and enterprises can deploy easily.

The Cisco Aironet 1540 Series is ideal for applications requiring rugged outdoor Wi-Fi coverage and supports the latest 802.11ac Wave 2 radio standard. Housed in a compact, aesthetically pleasing, easy-to-deploy package, the 1540 Series offers flexible deployment options for service providers and enterprise networks that need the fastest links possible for mobile outdoor clients (smartphones, tablets, and laptops) and wireless backhaul. The 1540 Series access points give network operators the flexibility to balance their desired wireless coverage with their need for easy deployment.

Quick Specification

Table 1 shows the quick specs of AIR-AP1542I-S-K9.

Part Number	AIR-AP1542I-S-K9
Description	802.11ac Wave 2 Value Outdoor AP, Internal Antenna, S Regulatory Domain
802.11ac Wave 1 and 2 capabilities	● 2 x 2 MIMO with two spatial streams ● Multiuser and single-user MIMO ● Maximal Ratio Combining (MRC) ● 802.11ac beamforming (transmit beamforming) ● 20-, 40-, and 80-MHz channels ● PHY data rates up to 867 Mbps (80 MHz in 5 GHz) ● Packet aggregation: A-MPDU (Tx/Rx) and A-MSDU (Tx/Rx) ● 802.11 Dynamic Frequency Selection (DFS) ● Cyclic-Shift-Diversity (CSD) support
Regulatory Domain	S (S regulatory domain): ● 2.412 to 2.472 GHz, 13 channels ● 5.500 to 5.700 GHz, 11 channels ● 5.745 to 5.825 GHz, 5 channels
Antenna	Integrated dual-band, vertical polarization, omnidirectional antenna radome, 5 dBi (2.4 Ghz) and 5dBi (5.8 GHz) Note: This model can be mounted horizontally on a wall or pole, to provide omni-directional coverage; or can be mounted vertically to provide semi-omni coverage.
Interfaces	● WAN port 10/100/1000BASE-T Ethernet, autosensing (RJ-45), PoE in ● Management console port (RJ-45) ● Multicolor LED/Reset button
Dimensions (W x L x H)	7.9 x 5.9 x 2.4 in. (20 x 15 x 6.1 cm)
Weight	2.75 lb (1.25 kg)

Figure 1 shows the appearance of AIR-AP1542I-S-K9.

Get More Information

Do you have any question about the AIR-AP1542I-S-K9?

Contact us now via info@hi-network.com.

Specification

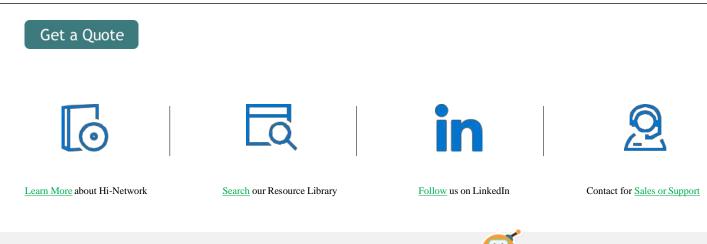| AIR-AP1542I-S-K9 Specification	
Description	802.11ac Wave 2 Value Outdoor AP, Internal Antenna, S Regulatory Domain
Regulatory Domain	S (S regulatory domain): ● 2.412 to 2.472 GHz, 13 channels ● 5.500 to 5.700 GHz, 11 channels ● 5.745 to 5.825 GHz, 5 channels
802.11n (and related) capabilities	● 2 x 2 MIMO with two spatial streams ● MRC ● 20- and 40-MHz channels (40 MHz in 5 GHz) ● PHY data rates up to 300 Mbps ● Packet aggregation: A-MPDU (Tx/Rx) and A-MSDU (Tx/Rx) ● 802.11 DFS ● CSD support
802.11ac Wave 1 and 2 capabilities	● 2 x 2 MIMO with two spatial streams ● Multiuser and single-user MIMO ● Maximal Ratio Combining (MRC) ● 802.11ac beamforming (transmit beamforming) ● 20-, 40-, and 80-MHz channels ● PHY data rates up to 867 Mbps (80 MHz in 5 GHz) ● Packet aggregation: A-MPDU (Tx/Rx) and A-MSDU (Tx/Rx) ● 802.11 Dynamic Frequency Selection (DFS)

	● Cyclic-Shift-Diversity (CSD) support
Antennas	Integrated dual-band, vertical polarization, omnidirectional antenna radome, 5 dBi (2.4 Ghz) and 5dBi (5.8 GHz)
	Note: This model can be mounted horizontally on a wall or pole, to provide omni-directional coverage; or can be mounted vertically to provide semi-omni coverage.
Maximum conducted transmit power	● 2.4 GHz: 27 dBm with 2 antennas
	● 5 GHz: 25 dBm with 2 antennas
Interfaces	● WAN port 10/100/1000BASE-T Ethernet, autosensing (RJ-45), PoE in
	● Management console port (RJ-45)
	● Multicolor LED/Reset button
Uplink options	Ethernet and wireless mesh
Dimensions (W x L x H)	7.9 x 5.9 x 2.4 in. (20 x 15 x 6.1 cm)
Weight	2.75 lb (1.25 kg)
Environmental	Operating temperature:
	● –40° to 65°C (–40° to 149°F) ambient air with no solar loading
	● –40° to 55°C (–40° to 131°F) ambient air with solar loading
	● Storage temperature: –40° to 85°C (–40° to 185°F)
	Humidity:
	● 5 – 95% non-condensing
	Wind resistance:
	● Up to 100-mph sustained winds
	● Up to 165-mph wind gusts
Power consumption	Max power draw is 13.9W with 100 meters Category 5 cable
Powering options	● 802.3af, 802.3at
	● Cisco power injectors:
	◦ AIR-PWRINJ-60RGD1= (outdoor rated, 60W, with NEMA 5-15 AC plug)
	◦ AIR-PWRINJ-60RGD2= (outdoor rated, 60W, unterminated AC cable)
	◦ AIR-PWRINJ5= (indoor, 802.3af)
	◦ AIR-PWRINJ6= (indoor, 802.3at)
Warranty	1-year limited hardware warranty

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