AIR-AP1562E-H-K9 Datasheet



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Overview

Cisco Aironet® 1560 Series Outdoor Access Points offer the latest 802.11ac Wave 2 functions in a rugged, low-profile housing that service providers and enterprises can deploy easily.

Ideal for applications requiring rugged outdoor Wi-Fi coverage, the Cisco Aironet 1560 Series Access Points offer the latest IEEE 802.11 ac Wave 2 radio standard in a compact, aesthetically pleasing, easy-to-deploy package. The 1560 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. With options for internal or external antennas, the 1560 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-AP1562E-H-K9.

Part Number	AIR-AP1562E-H-K9			
Description	802.11ac Wave 2 Low-Profile Outdoor AP, External Antenna, H Regulatory Domain			
802.11ac Wave 1 and 2 capabilities	• 2 x 2 MIMO with two spatial streams			
	• Multi- and single-user MIMO			
	Maximal Ratio Combining (MRC)			
	• 802.11ac beamforming (transmit beamforming)			
	• 20-, 40-, and 80-MHz channels			
	• PHY data rates up to 1.3 Gbps (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	H (H regulatory domain):			
	• 2.412 to 2.472 GHz, 13 channels			
	• 5.745 to 5.825 GHz, 5 channels			
Antenna	External Antenna			
Interfaces	• WAN port 10/100/1000BASE-T Ethernet, autosensing (RJ-45), PoE in			
	• SFP port (fiber or electrical)			
	• Management console port (RJ-45)			
	Multicolor LED			
	• DC power input			
	• Reset button			
Dimensions (W x L x H)	9.0 x 6.8 x 3.9 in. (22.9 x 17.1 x 9.8 cm)			
Weight	5.6 lb (2.5 kg)			



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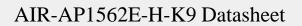




Figure 1 shows the appearance of AIR-AP1562E-H-K9.



Get More Information

Do you have any question about the AIR-AP1562E-H-K9?

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

Specification

AIR-AP1562E-H-K9 Specification				
Description	802.11 ac Wave 2 Low-Profile Outdoor AP, External Antenna, H Regulatory Domain			
Regulatory Domain	H (H regulatory domain):			
	• 2.412 to 2.472 GHz, 13 channels			
	• 5.745 to 5.825 GHz, 5 channels			
	• 2 x 2 MIMO with two spatial streams			
802 11p (and related) samehilities	• MRC			
802.11n (and related) capabilities	• 20- and 40-MHz channels			
	• PHY data rates up to 450 Mbps			



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AIR-AP1562E-H-K9 Datasheet



	• Packet aggregation: A-MPDU (Tx/Rx) and A-MSDU (Tx/Rx)				
	• 802.11 DFS				
	CSD support				
	• 2 x 2 MIMO with two spatial streams				
	• Multi- and single-user MIMO				
	Maximal Ratio Combining (MRC)				
802.11ac Wave 1 and 2 capabilities	• 802.11ac beamforming (transmit beamforming)				
	• 20-, 40-, and 80-MHz channels				
	• PHY data rates up to 1.3 Gbps (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				
Antenna type	External detachable				
	• WAN port 10/100/1000BASE-T Ethernet, autosensing (RJ-45), PoE in				
	• SFP port (fiber or electrical)				
Interforce	• Management console port (RJ-45)				
Interfaces	Multicolor LED				
	• DC power input				
	• Reset button				
Uplink options	Ethernet, SFP, and wireless mesh				
Dimensions (W x L x H)	9.0 x 6.8 x 3.9 in. (22.9 x 17.1 x 9.8 cm)				
Weight	5.6 lb (2.5 kg)				
	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				
Environmental	Storage temperature: -40 to 85°C (-40 to 185°F)				
Environmental	Humidity: 5 - 95%, non-condensing				
	Wind resistance:				
	• Up to 100-mph sustained winds				
	• Up to 165-mph wind gusts				
Power consumption	25 W				
	• AC (with AIR-PWRADPT-RGD1=, AC/DC outdoor power adapter)				
	• 44–57 VDC input				
	• Universal Power of Ethernet (Cisco UPoE+ and Cisco UPoE), 802.3at				
Downing options	• Cisco power injectors:				
Powering options	AIR-PWRINJ-60RGD1= (outdoor rated, 60W, with NEMA 5-15 AC plug)				
	AIR-PWRINJ-60RGD2= (outdoor rated, 60W, unterminated AC cable)				
	AIR-PWRINJ6= (indoor, 802.3at)				
	Note: If 802.3at Power over Ethernet (PoE) is the source of power, the 1562I radios will shift from 3 x 3 to 2 x 2.				
Warranty	1-year limited hardware warranty				



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