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Overview

AIR-AP2802E-H-K9 is one of the Cisco Aironet 2800 Series Access Points. This 2800 series, delivering new 802.11ac Wave 2 standard, is ideal for large enterprise organizations that rely on Wi-Fi to engage with customers. The Series is a hands-off product that's intelligent enough to make decisions based on end-device activities and usage. AIR-AP2802E-H-K9 provides external antenna and H regulatory domain.

Quick Specification

Table 1 shows the quick specs of AIR-AP2802E-H-K9.

Part Number	AIR-AP2802E-H-K9
Frequency band and 20-MHz operating channels	H (H regulatory domain): - 2.412 to 2.472 GHz; 13 channels - 5.150 to 5.350 GHz; 8 channels - 5.745 to 5.825 GHz; 5 channels
Antenna	External Antenna
Features	4x4 MU-MIMO with three spatial streams - MRC - 802.11ac Beamforming - 20-, 40-, 80, 160-MHz channels - PHY data rates up to 5.2 Gbps - Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx) - 802.11 DFS - CSD support
Interfaces	- 2 x 100/1000BASE-T autosensing (RJ-45) - Management console port (RJ-45) - USB 2.0 (enabled via future software)
System memory	- 1024 MB DRAM - 256 MB flash
Dimensions (W x L x H)	8.66 x 8.77 x 2.50 in.
Weight	4.6 lb (2.09 kg)

Figure 1 shows the appearance of the AIR-AP2802E-H-K9.



Product Details

Figure 2 shows the face of AIR-AP2802E Model.



Note:

(1)	Dual-band antenna connector A with antenna	(4)	Dual-band antenna connector C with antenna
(2)	Location of the Smart antenna connector port on the right side of the AP	(5)	Status LED
(3)	Dual-band antenna connector D with antenna	(6)	Dual-band antenna connector B with antenna

Compare to Similar Items

Table 2 shows the comparison between two AP.

Part Number	AIR-AP2802E-I-K9	AIR-AP2802E-H-K9
Regulatory Domain	I (I regulatory domain): - 2.412 to 2.472 GHz; 13 channels	H (H regulatory domain): - 2.412 to 2.472 GHz; 13 channels

	- 5.180 to 5.320 GHz; 8 channels	- 5.150 to 5.350 GHz; 8 channels - 5.745 to 5.825 GHz; 5 channels
Antenna	External Antenna	External Antenna
Features	<ul style="list-style-type: none"> - 4x4 MU-MIMO with three spatial streams - MRC - 802.11ac Beamforming - 20-, 40-, 80, 160-MHz channels - PHY data rates up to 5.2 Gbps - Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx) - 802.11 DFS - CSD support 	<ul style="list-style-type: none"> - 4x4 MU-MIMO with three spatial streams - MRC - 802.11ac Beamforming - 20-, 40-, 80, 160-MHz channels - PHY data rates up to 5.2 Gbps - Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx) - 802.11 DFS - CSD support

Get More Information

Do you have any question about the AIR-AP2802E-H-K9?

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

Specification

AIR-AP2802E-H-K9 Specification	
Networking	
Type	Wireless access point
Form Factor	External
Connectivity Technology	Wireless
Data Transfer Rate	5.2 Gbps
Data Link Protocol	IEEE 802.11a, IEEE 802.11ac Wave 2, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Compliant Standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3ad (LACP)
Status Indicators	Boot state, Error, Status
Features	4T4R MIMO technology, Auto-sensing per device, Beamforming technology, CleanAir technology, ClientLink 4.0 technology, Cross AP Noise Reduction, Cyclic shift diversity (CSD), DFS support, High Density Experience (HDX), Link Aggregation Control Protocol (LACP), Maximum Ratio Combining (MRC), MIMO equalization, Optimized AP Roaming, Packet aggregation A-MPDU, Packet aggregation A-MSDU
Wireless Protocol	802.11a/b/g/n/ac Wave 2
Wi-Fi Bands	2.4 GHz, 5 GHz
Interface Provided	
Qty	1
Type	Console
Connector Type	RJ-45

Miscellaneous	
Included Accessories	Ceiling grid clip, Low profile bracket
Service	
Support Details Type	Limited warranty
Support Details Service Included	Advance hardware replacement
Support Details Full Contract Period	Lifetime
Header	
Compatibility	PC
Country Kits	China
Manufacturer	Cisco Systems
Packaged Quantity	1
Product Line	Cisco Aironet
Model	2802E
Brand	Cisco
Service & Support Details	
Response Time	10 days
Software	
Type	CAPWAP Software Image
Capacity	
Type	Spatial streams
Value	3
Dimensions & Weight	
Width	8.7 in
Depth	8.8 in
Height	2.5 in
Service & Support	
Type	Limited lifetime warranty
Chassis	
Ruggedized Design	Indoor

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