AIR-SAP1602I-E-K9 Datasheet

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Overview

This Cisco Aironet 1602 Access Point needs AP controller, supports internal antenna and follows 802.11a/g/n protocol. Its regulatory domain is A which means FCC area, including North, South, and Central America, Australia, and New Zealand, various parts of Asia and Oceania.

Quick Specs

Figure 1 shows the appearance of AIR-SAP1602I-E-K9.



Table 1 shows the Quick Specs.

Product Code	AIR-SAP1602I-E-K9
WiFi Standards	802.11a/b/g/n
Ideal For	Small or midsize enterprises, midmarket
Max Data Rate	300 Mbps
MIMO Radio Design: Spatial Streams	3 x 3:2
Client count/ClientLink client count	128/32
Power	802.3af Enternet Switch Power Injectors Local Power supply
Antenna	Integrated Antenna
Regulatory Domain	A
Controller Available	Yes
Dimensions (W x L x H)	8.7 x 8.7 x 1.84 in.
Weight	0.86 kg

The Accessories

AIR-SAP1602I-E-K9 supports 802.3af Enternet Switch Power Injectors and Local Power supply.

Table 2 shows the recommended accessories.

Accessories	Models	Description

Enternet Switch Power Injectors	AIR-PWRINJ5	Aironet power injector AIR-PWRINJ5, 802.3af, 15.4W
	AIR-PWRINJ4	Cisco AP power option AIR-PWRINJ4 Power Injector
Local Power supply	AIR-PWR-B	Cisco AP power option PwrSpply:100-240VAC,48VDC

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Do you have any question about the AIR-SAP1602I-E-K9?

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Specification

AIR-SAP1602I-E-K9 Specification	
Product Description	Cisco Catalyst 1600 Series Access Points with External antennas
Devide Type	Wireless Access point
Regulatory domain	A regulatory domain
Software	Cisco Unified Wireless Network Software (available in Q4CY12) Cisco IOS ® Software Release (available in Q4CY12)
Data rates supported	● 802.11a: up to 54 Mbps ● 802.11g: up to 54 Mbps ● 802.11n on 2.4 GHz: up to 300Mbps
Maximum number of nonoverlapping channels	5 GHz ● 802.11a: ◦ 20 MHz: 24 ● 802.11n: ◦ 20 MHz: 24 ◦ 40 MHz:9 2.4 GHz ● 802.11b/g: ◦ 20 MHz: 3 ● 802.11n: ◦ 20 MHz: 3
Antenna (purchase separately)	Certified for use with antenna gains up to 6 dBi (2.4 GHz and 5 GHz) Cisco offers the industry's broadest selection of 802.11n antennas delivering optimal coverage for a variety of deployment scenarios
Interfaces	10/100/1000BASE-T autosensing (RJ-45) Management console port (RJ-45)
System memory	256 MB DRAM 32 MB flash
Power consumption (power supply purchase separately)	15.4 Watts (Standard 802.3af POE)
IEEE standards	IEEE 802.11a/b/g, 802.11n, 802.11h, 802.11d
Security	● 802.11i, Wi-Fi Protected Access 2 (WPA2), WPA ● 802.1X ● Advanced Encryption Standards (AES), Temporal Key Integrity Protocol (TKIP)

Extensible Authentication Protocol (EAP) types	● EAP-Transport Layer Security (TLS) ● EAP-Tunneled TLS (TTLS) or Microsoft Challenge Handshake Authentication Protocol Version 2 (MSCHAPv2) ● Protected EAP (PEAP) v0 or EAP-MSCHAPv2 ● EAP-Flexible Authentication via Secure Tunneling (FAST) ● PEAP v1 or EAP-Generic Token Card (GTC) ● EAP-Subscriber Identity Module (SIM)
Environmental	● Nonoperating (storage) temperature: -22 to 158°F (-30 to 70°C) ● Nonoperating (storage) Altitude Test: -25˚C, 15,000 ft. ● Operating temperature: -4 to 122°F (-20 to 50°C) ● Operating humidity: 10 to 90 % (noncondensing) ● Operating Altitude Test: -40˚C, 9843 ft.

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