AIR-AP1562D-A-K9
Datasheet

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Overview

Cisco AIR-AP1562D-A-K9 Outdoor Access Point offers 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 802.11ac Wave 2 radio standard in a compact, aesthetically pleasing, easy-to-deploy package.

Quick Specs

Table 1 shows the Quick Specs.

SKU	AIR-AP1562D-A-K9
Type	Wireless access point
Form Factor	External
Data Transfer Rate	1.3 Gbps
Compliant Standards	IEEE 802.11a, IEEE 802.11ac Wave 2, IEEE 802.11b, IEEE 802.11g, IEEE 802.11i, IEEE 802.11n, IEEE 802.3at
Wireless Protocol	802.11a/b/g/n/ac Wave 2
Power Over Ethernet (PoE)	PoE+
Wi-Fi Bands	2.4 GHz, 5 GHz

Product Details

Cisco AIR-AP1562D-A-K9 has these benefits:

(1) 802.11ac Wave 2 radio

Provides up to 1.3-Gbps data rates with 3 x 3 Multiple Input, Multiple Output (MIMO) and up to three spatial streams.

(2) Multiuser MIMO (MU-MIMO)

Allows transmission of data to multiple 802.11ac Wave 2-capable clients simultaneously to improve client experience; prior to 802.11ac Wave 2, access points could transmit data to only one client at a time, typically referred to as single-user MIMO.

(3) Flexible deployment modes

Allows for deployment of the 1560 in a variety of ways including point -to-point and mesh networks; it can also be deployed with the Cisco Mobility Express Solution, which is ideal f or small to medium -sized deployments that supports multiple access points without a physical controller; all deployment modes are easy to set up and configure.

(4) Small Form-Factor Pluggable (SFP) port

Supports optical fiber-based network connectivity for remote locations.

Compare to Similar Items

Table 2 shows the comparison.

Product Name	AIR-AP1562D-A-K9	AIR-AP1562E-B-K9
Antenna	Internal	External
Data Transfer Rate	1.3 Gbps	1.3 Gbps
Wireless Protocol	802.11a/b/g/n/ac Wave 2	802.11a/b/g/n/ac Wave 2
Wi-Fi Bands	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz
Power Over Ethernet (PoE)	PoE+	PoE+

Get More Information

Do you have any question about the AIR-AP1562D-A-K9?

Contact us now via **Live Chat** or **sales@gntme.com.**

Specification

AIR-AP1562D-A-K9 Specification	
General	
Device Type	Wireless access point
Ruggedized Design	Outdoor
Width	6.7 in
Depth	4.3 in
Height	9 in
Networking	
Form Factor	External
Connectivity Technology	Wireless
Data Transfer Rate	1.3 Gbps
Data Link Protocol	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ac Wave 2
Network / Transport Protocol	L2TP, IPSec
Frequency Band	2.4 GHz, 5 GHz
Features	Auto-sensing per device, MAC address filtering, DFS support, VPN passthrough, CleanAir technology, reset button, 2T2R MIMO technology, ClientLink technology, Maximum Ratio Combining (MRC), radio resource management (RRM), cyclic shift diversity (CSD), MU-MIMO technology, Cisco Flexible Antenna Port technology, beamforming technology, packet aggregation A-MPDU, packet aggregation A-MSDU, High Density Experience (HDX)
Encryption Algorithm	LEAP, AES, TLS, PEAP, TTLS, WPA, WPA2
Authentication Method	X.509 certificates, Extensible Authentication Protocol (EAP)
Compliant Standards	IEEE 802.11, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.1x, IEEE 802.11i, IEEE 802.11n, IEEE 802.3at, IEEE 802.11ac
Antenna	
Antenna	Internal
Expansion / Connectivity	
Interfaces	1 x 1000Base-T (PoE) - RJ-45 (WAN) ¦ 1 x - SFP (mini-GBIC) (WAN) ¦ 1 x console - RJ-45
Miscellaneous	

Compliant Standards	EN 60950, ICES-003, IEC 60529 IP67, FCC Part 15.247, RSS-210, RSS-102, EN 61000-4-4, EN 61000-4-2, EN 61000-4-3, EN 61000-4-5, NEMA Type 4X, FCC Part 15.107, FCC Part 15.109, FCC Part 15.407, ARIB STD-T66, ARIB STD-T71, X.509, MIL-STD-810, EN 300 328, FCC OET Bulletin 65c, EN 301489-17, EN 301 489-1, AS/NZS 4268.2003, ANSI / IEEE 587 C62.41, NEMA 250-2008, EN 60068-2-5, UL 60950 Second Edition, CAN/CSA C22.2 No. 60950 Second Edition, IEC 60950 Second Edition, EN 60950 Second Edition, EN 301 893
Power	
Power Over Ethernet (PoE) Supported	PoE+
Environmental Parameters	
Min Operating Temperature	-40 °F
Max Operating Temperature	149 °F

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- **Contact:-** [+971 4 2409 998](#)
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