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Overview

AIR-CT5508-12-K9 includes 12 access point licenses and delivers superior 802.11n/ac performance that optimized up to nine times wireless performance of 802.11a/g networks. It supports up to 500 access points and 7000 clients with necessary licenses.

Quick Specification

Figure 1 shows the appearance of AIR-CT5508-12-K9.

Table 1 shows the Quick Specs.

Product Code	AIR-CT5508-12-K9
Access points	12 licenses include (500 licenses max)
Device Type	Wireless controller
Ports	8 x SFP uplinks
Console ports	10/100/1000 RJ-45
Wireless standards	802.11a/b/g/d/e/h/k/n/r/u/w/ac
Dimensions (W x D x H)	44 x 53.9 x 4.45 cm
Package Weight	15.87 Kg

Product Details

Figure 2 shows the front panel of AIR-CT5508-12-K9.

Note

(1)	Service port (RJ-45)	(5)	Console port (Mini USB Type B)
(2)	Console port (RJ-45)	(6)	SFP distribution ports
(3)	Redundant port (RP) for future use (RJ-45)	(7)	Management port LEDs
(4)	USB ports 0 and 1 (Type A)	(8)	Expansion module (EM) slot

· You can use only one console port (either RJ-45 or mini-USB). When you connect to one console port, the other is disabled.

Figure 3 shows the back panel of AIR-CT5508-12-K9.

Note:

(1)	Power supply PS1	(4)	Power supply PS2 slot with blank cover
(2)	Power supply PS1 on/off switch	(5)	Fan tray
(3)	Power supply PS1 AC cable connection		

The Licenses

Table 2 shows some recommended licenses for this wireless controller.

License	Description
L-LIC-CT5508-5A	Cisco 5500 Wireless Controller License 5 AP Adder License for the 5508 Controller (eDelivery)
L-LIC-CT5508-25A	Cisco 5500 Wireless Controller License 25 AP Adder License for the 5508 Controller (eDelivery)
L-LIC-CT5508-50A	Cisco 5500 Wireless Controller License 50 AP Adder License for the 5508 Controller (eDelivery)
L-LIC-CT5508-100A	Cisco 5500 Wireless Controller License 100 AP Adder License for the 5508 Controller (eDelivery)
L-LIC-CT5508-250A	Cisco 5500 Wireless Controller License 250 AP Adder License for the 5508 Controller (eDelivery)

Compare to Similar Items

Table 3 shows the comparison of similar items.

Models	AIR-CT5508-12-K9	AIR-CT5508-25-K9	AIR-CT5508-50-K9
Access Points	12 access points licenses	25 access points licenses	50 access points licenses
Max Access Points	500	500	500
Max Client Support	7000	7000	7000
Ports	8 x SFP uplinks	8 x SFP uplinks	8 x SFP uplinks

Get More Information

Do you have any question about the AIR-CT5508-12-K9?

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

Specification

AIR-CT5508-12-K9 Specifications	
Access points	12 licenses include (500 licenses max)
Device Type	Wireless controller
Ports	8 * SFP uplinks
Console ports	10/100/1000 RJ-45
Wireless standards	802.11a/b/g/d/e/h/k/n/r/u/w/ac

License	● 5 AP license: L-LIC-CT5508-5A ● 25 AP license: L-LIC-CT5508-25A ● 50 AP license: L-LIC-CT5508-50A ● 100 AP license: L-LIC-CT5508- 100A ● 250 AP license: L-LIC-CT5508-250A ● DTLS License: L-LIC-CT55-LPE-K9
Security standards	● Wi-Fi Protected Access (WPA) ● IEEE 802. 1 1i (WPA2, RSN) ● RFC 1321 MD5 Message-Digest Algorithm ● RFC 1851 The ESP Triple DES Transform ● RFC 2104 HMAC: Keyed Hashing for Message Authentication ● RFC 2246 TLS Protocol Version 1.0 ● RFC 2401 Security Architecture for the Internet Protocol ● RFC 2403 HMAC-MD5-96 within ESP and AH ● RFC 2404 HMAC-SHA- 1-96 within ESP and AH ● RFC 2405 ESP DES-CBC Cipher Algorithm with Explicit IV ● RFC 2406 IP Encapsulating Security Payload (ESP) ● RFC 2407 Interpretation for ISAKMP ● RFC 2408 ISAKMP ● RFC 2409 IKE ● RFC 2451 ESP CBC-Mode Cipher Algorithms ● RFC 3280 Internet X.509 PKI Certificate and CRL Profile ● RFC 3602 The AES-CBC Cipher Algorithm and Its Use with IPsec ● RFC 3686 Using AES Counter Mode with IPsec ESP ● RFC 4347 Datagram Transport Layer Security ● RFC 4346 TLS Protocol Version 1.1
Encryption	● WEP and Temporal Key Integrity Protocol-Message Integrity Check (TKIP-MIC) : RC4 40, 104 and 128 bits (both static and shared keys) ● Advanced Encryption Standard (AES) : CBC, CCM, Counter Mode with Cipher Block Chaining Message Authentication Code Protocol (CCMP) ● DES: DES-CBC, 3DES ● Secure Sockets Layer (SSL) and Transport Layer Security (TLS) : RC4 128-bit and RSA 1024- and 2048-bit ● DTLS: AES-CBC ● IPSec: DES-CBC, 3DES, AES-CBC
Authentication, Authorization, and Accounting (AAA)	● IEEE 802.1X ● RFC 2548 Microsoft Vendor-Specific RADIUS Attributes ● RFC 2716 PPP EAP-TLS ● RFC 2865 RADIUS Authentication ● RFC 2866 RADIUS Accounting ● RFC 2867 RADIUS Tunnel Accounting ● RFC 3576 Dynamic Authorization Extensions to RADIUS ● RFC 3579 RADIUS Support for EAP ● RFC 3580 IEEE 802. 1X RADIUS Guidelines ● RFC 3748 Extensible Authentication Protocol ● Web-based authentication ● TACACS support for management users

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