

AIR-CT5520-K9 Datasheet



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Overview

Model: AIR-CT5520-K9 Cisco 5500 Series Wireless Controller

Detail: Cisco 5500 Controller AIR-CT5520-K9 Cisco 5520 Series Wireless Controller

Specification

Cisco 5500 Controller AIR-CT5520-K9 Cisco 5520 Series Wireless Controller

AIR-CT5520-K9 SPECIFICATIONS

Device Type	Wireless controller
Ports	Dual 1-Gb or 10-Gb ports with Link Aggregation Group
Console ports	10/100/1000 RJ-45
Wireless standards	802.11a/b/g/d/e/h/k/n/r/u/w/ac
License	<ul style="list-style-type: none">• 5 AP license: L-LIC-CT5520-5A• 25 AP license: L-LIC-CT5520-25A• 50 AP license: L-LIC-CT5520-50A• 100 AP license: L-LIC-CT5520-100A

	<ul style="list-style-type: none">● 250 AP license: L-LIC-CT5520-250A● DTLS License: L-LIC-CT5520-DTLS-K9
Security standards	<ul style="list-style-type: none">● Wi-Fi Protected Access (WPA)● IEEE 802.11i (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

<p>Encryption</p>	<ul style="list-style-type: none"> ● 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
<p>Authentication, Authorization, and Accounting (AAA)</p>	<ul style="list-style-type: none"> ● 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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Why GNTME

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