

Refurbished CISCO AIR-LAP1242G-A-K9 Datasheet

CISCO > COLLABORATION-ENDPOINTS

Cisco Aironet 1240 AG Series

Features and Benefits of Cisco Aironet 1240G Series Access Points

Feature	Benefit
802.11g radios	The access points provide 54 Mbps of capacity and compatibility with older 802.11b clients.
Dual RP-TNC antenna connectors for 2.4-GHz radios	Antenna connectors support a variety of Cisco 2.4-GHz antennas, providing range and coverage versatility.
Security	<p>Authentication</p> <p>Security standards</p> <p>Wi-Fi Protected Access (WPA)</p> <p>WPA2 (802.11i)</p> <p>Cisco Temporal Key Integrity Protocol (TKIP)</p> <p>Cisco Message Integrity Check (MIC)</p> <p>IEEE 802.11 WEP keys of 40 and 128 bits</p> <p>802.1X Extensible Authentication Protocol (EAP) types:</p> <p>EAP Flexible Authentication via Secure Tunneling (EAP FAST)</p> <p>Protected EAP Generic Token Card (PEAP GTC)</p> <p>PEAP Microsoft Challenge Authentication Protocol Version 2 (PEAP MSCHAP)</p> <p>EAP Transport Layer Security (EAP TLS)</p> <p>EAP Tunneled TLS (EAP TTLS)</p> <p>EAP Subscriber Identity Module (EAP SIM)</p> <p>Cisco LEAP</p> <p>Encryption:</p> <p>Advanced Encryption Standard Counter Mode with Cipher Block Chaining Message Authentication Code Protocol (AES CCMP) encryption (WPA2)</p> <p>TKIP (WPA)</p> <p>Cisco TKIP</p> <p>WPA TKIP</p> <p>IEEE 802.11 WEP keys of 40 and 128 bits</p>
Current support for 12 nonoverlapping channels, with potentially up to 23 channels	<p>Lower potential interference with neighboring access points simplifies deployment.</p> <p>Fewer transmission errors delivers greater throughput.</p>
Rugged metal housing	Metal case and rugged features support deployment in factories, warehouses, the outdoors (NEMA enclosure required), and other industrial environments.
UL 2043 plenum rating and extended operating temperature	The access points support installation in environmental airspaces such as areas above suspended ceilings.
Multipurpose and lockable mounting bracket	The access points provide greater flexibility in installation options for site surveys, as well as theft deterrence.
Support for both local and inline power, including IEEE 802.1af PoE	<p>Power can be supplied using the Ethernet cable, eliminating the need for costly electrical power line runs to remotely installed access points.</p> <p>The access points can be powered by IEEE 802.3af PoE, Cisco Inline Power switches, single-port power injectors, or local power.</p>
Hardware-assisted AES encryption	The access points provide high security without performance degradation.

System Requirements for Cisco Aironet 1240G Series Access Points

Browser	Using the Web browser management GUI requires a computer running Internet Explorer Version 6.0 or later, or Netscape Navigator Version 7.0 or later.
PoE	Power sourcing equipment is compliant with Cisco Inline Power or IEEE 802.3af, and provides at least 12.94W at 48 VDC.

Product Part Numbers for Cisco Aironet 1240G Series Access Points

The next steps...

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