mobileView

Cisco® Aironet® Wireless Access Point

Wireless Access Point designed for challenging RF environments such as depots and mobile transit vehicles

OVERVIEW

Cisco® Aironet® 1260 Series Wireless Access Points provide secure, dependable 802.11n wireless coverage for indoor environments. These enterprise-class access points deliver up to nine times the throughput of 802.11a/g networks for rich-media applications. Designed specifically for challenging environments, the 1260 Series supports external antennas and a broad operating temperature range.

1260 Series Wireless Access Points deliver a robust mobility experience using enterprise-class silicon and optimized radios, along with Cisco M-Drive technology, which includes:

ClientLink – delivers enhanced reliability and coverage for legacy clients

BandSelect – improves 5-GHz client connections in mixed client environments

VideoStream – utilizes multicast to improve rich-media applications

The 1260 Series is a component of the Cisco unified wireless network, which can scale up to 18,000 access points with full Layer 3 mobility across central and remote locations. The network offers the industry's most flexible, resilient, and scalable architecture, delivering secure access to mobility services and applications. And because it integrates seamlessly with the existing wired network, the Cisco network offers the lowest total cost of ownership and great investment protection.

STANDARD FEATURES

- Rugged metal housing and extended operating temperatures
- Ideal for depot and mobile transit vehicle applications
- Supports external antennas for a variety of RF environments and deployment scenarios
- UL 2043 plenum-rated for above ceiling installation options or suspended from drop ceilings
- Works with existing PoE switches for easy installation
- Sleek design blends into a variety of indoor environments
- Multipurpose mounting bracket locks for theft protection and makes replacement of existing access points easy
- Controller-based or standalone deployment options simplify network management
- Secure connections support rogue access point detection and denial-of-service attacks
- Management frame protection detects malicious users and alerts network administrators
- Dynamic frequency selection 2 (DFS-2) compliant for greater network capacity

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Specifications

Networking

Compliant Standards	IEEE 802.11a, IEEE 802.11b, IEEE 802.11d, IEEE 802.11g, IEEE 802.11h, IEEE 802.11i, IEEE 802.11n, IEEE 802.1x, IEEE 802.3af, Wi-Fi Certified
Connectivity Technology	L1, 1575.42 MHz
Data Link Protocol	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Data Transfer Rate	300 Mbps
Features	Auto-sensing per device, Cisco M-Drive technology, MIMO technology, Power over Ethernet (PoE), Wi-Fi Multimedia (WMM) support
Form Factor	External
Power Over Ethernet (PoE)	Yes
Remote Management Protocol	SNMP
Spread Spectrum Method	OFDM
Status Indicators	Status
Type	Wireless access point
Wi-Fi Bands	2.4 GHz, 5 GHz
Wireless Protocol	802.11 a/b/g/n

Interface Provided

Connector Type	RJ-45
Interface	Ethernet 10Base-T/100Base-TX/1000Base-T
Type	Network/power

Ordering Information

MSS-MISC-WIFI-126N	802.11n, Standalone AP, Ext ant, w/AIR-AP Bracket
MISS-MISC-WIFI-PS	N Radio DC Power Supply
MSS-5014-00-00	Ethernet Cat5 Cable, 10 ft.

Miscellaneous

Authentication Method	EAP-FAST, Extensible Authentication Protocol (EAP), MS-CHAP v.2
Compliant Standards	ARIB STD-T33, ARIB STD-T66, ARIB STD-T71, CSA C22.2 No. 60950-1, EN 300.328, EN 301.489.1, EN 301.489.17, EN 301.893, EN 60601-1-2, EN 60950-1, FCC Part 15.107, FCC Part 15.109, FCC Part 15.247, FCC Part 15.407, ICES-003, IEC 60950-1, RSS-102, RSS-210, UL 2043, UL 60950-1, VCCI
Encryption Algorithm	AES, PEAP, TKIP, TLS, TTLS, WPA, WPA2
Mounting Kit	Included
Humidity Range Operating	10 - 90% (non-condensing)
Maximum Operating Temperature	131° F
Minimum Operating Temperature	-4° F
Compatibility	PC
Country Kits	Argentina, Canada, Colombia, Costa Rica, Ecuador, Paraguay, Peru, Puerto Rico, United States, Uruguay
Line Coding Format	CCK
Form Factor	External
Frequency Required	50/60 Hz
Nominal Voltage	AC 120/230 V
Type	Power adapter
Dimensions (WxHxD)	8.7 x 1.9 x 8.7 in. (220.98 x 48.26 x 220.98 mm)
Weight	2.3 lbs. (1.04 kg)
Warranty	Limited lifetime
Chassis Design	Ruggedized Indoor
Flash Memory Installed Size	32 MB
RAM Installed Size	128 MB

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Specifications subject to change without notice.

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