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Overview

AIR-AP3802I-Z-K9 is one of the Cisco 3800 Series Access Points. The Cisco Aironet 3800 Wi-Fi access points are designed for large enterprise organizations that rely on Wi-Fi to engage with customers. The 3800 series provides multiple gigabit uplink speeds of 2.5 Gbps and 5 Gbps in addition to 100-Mbps and 1-Gbps speeds. It also delivers new 802.11ac Wave 2 standard. Cisco Aironet 3800 Series Wi-Fi access points are highly versatile and deliver the most functionality of any access points in the industry. AIR-AP3802I-Z-K9 is designed for Indoor, challenging environments, with internal antennas. Besides, it provides Z regulatory domain.

Quick Specification

Product Code	AIR-AP3802I-Z-K9
Antennas	Internal Antennas
Interfaces	<ul style="list-style-type: none"> - 2 Ethernet ports - 100/1000/2500/5000 Multigigabit Ethernet (RJ-45) - CAT 5e cabling - Higher-quality 10GBASE-T (CAT 6/6a) cabling - 100/1000BASE-T autosensing (RJ-45 - AUX port) - Management console port (RJ-45)
Features	<ul style="list-style-type: none"> - 4x4 MU-MIMO with three spatial streams - MRC - 802.11ac beamforming - 20-, 40-, 80, 160-MHz channels - PHY data rates up to 5.2 Gbps - Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx) - 802.11 DFS - CSD support
Regulatory Domain	Z (Z regulatory domain): <ul style="list-style-type: none"> - 2.412 to 2.462 GHz; 11 channels - 5.180 to 5.320 GHz; 8 channels - 5.500 to 5.700 GHz; 8 channels (excludes 5.600 to 5.640 GHz) - 5.745 to 5.825 GHz; 5 channels
System	<ul style="list-style-type: none"> - 1024 MB DRAM - 256 MB flash
Dimensions (W x L x H)	8.66 x 8.68 x 2.46 in. (22 x 22 x 6.25 cm)
Net Weight	4.6 lb (2.09 kg)

Product Details:

The Front Panel:



Compare to Similar Items

Models	AIR-AP3802I-Z-K9	AIR-AP3802E-Z-K9
Antenna	Internal Antenna	External Antenna
Interfaces	<ul style="list-style-type: none"> - 2 Ethernet ports - 100/1000/2500/5000 Multigigabit Ethernet (RJ-45) - CAT 5e cabling - Higher-quality 10GBASE-T (CAT 6/6a) cabling - 100/1000BASE-T autosensing (RJ-45 - AUX port) - Management console port (RJ-45) 	<ul style="list-style-type: none"> - 2 Ethernet ports - 100/1000/2500/5000 Multigigabit Ethernet (RJ-45) - CAT 5e cabling - Higher-quality 10GBASE-T (CAT 6/6a) cabling - 100/1000BASE-T autosensing (RJ-45 - AUX port) - Management console port (RJ-45)
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Get more information:

Do you have any question about the AIR-AP3802I-Z-K9?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Detail	802.11ac Wave 2 AP w/CleanAir, 4x4:3, Mod, Internal Antenna, mGig, Z Regulatory Domain
Regulatory Domain	<p>Z (Z regulatory domain):</p> <ul style="list-style-type: none"> - 2.412 to 2.462 GHz; 11 channels - 5.180 to 5.320 GHz; 8 channels - 5.500 to 5.700 GHz; 8 channels <p>(excludes 5.600 to 5.640 GHz)</p> <ul style="list-style-type: none"> - 5.745 to 5.825 GHz; 5 channels
Software and supported wireless LAN controllers	<p>Cisco Unified Wireless Network Software Release 8.2.MR1 or later</p> <p>Cisco 2500 Series Wireless Controllers, Cisco Wireless Controller Module for ISR G2, Cisco Wireless Services Module 2 (WiSM2) for Catalyst 6500 Series Switches, Cisco 5500 Series Wireless Controllers, Cisco Flex 7500 Series Wireless Controllers, Cisco 8500 Series Wireless Controllers, Cisco Virtual Wireless Controller</p> <p>Cisco IOS XE Software Release 16.3 – Target Q3 CY2016</p> <p>Cisco Catalyst 3850 Series and 3650 Series Switches</p>
802.11n version 2.0 (and related) capabilities	<p>4x4 MIMO with three spatial streams</p> <p>Maximal ratio combining (MRC)</p> <p>802.11n and 802.11a/g beamforming</p> <p>20- and 40-MHz channels</p> <p>PHY data rates up to 450 Mbps (40 MHz with 5 GHz).</p> <p>Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx)</p> <p>802.11 dynamic frequency selection (DFS)</p> <p>Cyclic shift diversity (CSD) support</p>
802.11ac Wave 1 capabilities	<p>4x4 MIMO with three spatial streams</p> <p>MRC</p> <p>802.11ac beamforming</p> <p>20-, 40-, and 80-MHz channels</p> <p>PHY data rates up to 1.3 Gbps (80 MHz in 5 GHz)</p> <p>Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx)</p> <p>802.11 DFS</p> <p>CSD support</p>
802.11ac Wave 2 capabilities	<p>4x4 MU-MIMO with three spatial streams</p> <p>MRC</p> <p>802.11ac beamforming</p> <p>20-, 40-, 80, 160-MHz channels</p> <p>PHY data rates up to 5.2 Gbps</p> <p>Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx)</p> <p>802.11 DFS</p> <p>CSD support</p>
Integrated antenna	<p>Flexible radio (either 2.4 GHz or 5 GHz)</p> <p>2.4 GHz, gain 4 dBi, internal antenna, omnidirectional in azimuth</p> <p>5 GHz, gain 6 dBi, internal directional antenna, elevation plane beamwidth 90°</p> <p>Dedicated 5-GHz radio</p>

AIR-AP3802I-Z-K9 Datasheet



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	5 GHz, gain 5 dBi, internal antenna, omnidirectional in azimuth
Interfaces	<ul style="list-style-type: none"> ◦ 2 Ethernet ports ◦ 100/1000/2500/5000 Multigigabit Ethernet (RJ-45) – IEEE 802.3bz ◦ CAT 5e cabling ◦ Higher-quality 10GBASE-T (CAT 6/6a) cabling ◦ 100/1000BASE-T autosensing (RJ-45 - AUX port) ◦ Management console port (RJ-45)
Indicators	Status LED indicates boot loader status, association status, operating status, boot loader warnings, boot loader errors
Dimensions (W x L x H)	8.66 x 8.68 x 2.46 in. (22 x 22 x 6.25 cm),
Weight	4.6 lb (2.09 kg)
Input power requirements	<p>802.3at PoE+, Cisco Universal Power over Ethernet (Cisco UPOE)</p> <p>802.3at power injector (AIR-PWRINJ6=)</p> <p>50W power supply (AIR-PWR-50=)</p>
Power draw	<p>30W at the PSE with all features enabled except for the USB 2.0 port</p> <p>34W at the PSE with the USB 2.0 port enabled</p>
Environmental	<p>Cisco Aironet 3800i</p> <p>Nonoperating (storage) temperature: -22° to 158°F (-30° to 70°C)</p> <p>Nonoperating (storage) altitude test: 25°C, 15,000 ft.</p> <p>Operating temperature: 32° to 104°F (0° to 40°C)</p> <p>Operating humidity: 10% to 90% percent (noncondensing)</p> <p>Operating altitude test: 40°C, 9843 ft.</p>
System memory	<p>1024 MB DRAM</p> <p>256 MB Flash</p>
Warranty	Limited lifetime hardware warranty





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