

AIR-AP1572IC1-B-K9

Datasheet

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Overview

Part Number	AIR-AP1572IC1-B-K9
Description	802.11ac Outdoor AP, Internal Antenna, Cable NA-D3.0 42/88MHz, B Regulatory Domain
Features	4x4 MIMO with three spatial streams (3SS) Maximum Ratio Combining (MRC) 802.11ac Beamforming 20-, 40-, and 80-MHz channels PHY data rates up to 1.3 Gbps (80 MHz with 5 GHz) Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx) 802.11 Dynamic Frequency Selection (DFS) Cyclic Shift Diversity (CSD) support
Interfaces	WAN port 10/100/1000BASE-T Ethernet, autosensing (RJ-45) LAN port 10/100/1000BASE-T Ethernet, autosensing (RJ-45) Fiber SFP Cable modem: NA-DOCSIS3.0/Euro-DOCSIS3.0/Japan-DOCSIS3.0 (8x4, 16x8, or 24x8) Management console port (RJ-45) Four multicolor LEDs Reset button
Dimensions (L x W x H)	11.8 x 7.9 x 7.9 in. (30.0 x 20.1 x 20.1 cm)
Weight	11.5 lbs. (5.2 kg)

Specification

AIR-AP1572IC1-B-K9 Specification	
General	
Device Type	Wireless access point
Ruggedized Design	Outdoor
Built-in Devices	GPS, modem
Width	7.9 in
Depth	7.9 in
Height	11.8 in
Weight	11.46 lbs
Localization	Puerto Rico, United States
Networking	
Form Factor	External

AIR-AP1572IC1-B-K9 Specification

Connectivity Technology	Wireless
Data Transfer Rate	1.3 Gbps
Line Coding Format	CCK
Data Link Protocol	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac
Spread Spectrum Method	DSSS
Network / Transport Protocol	L2TP, IPSec
Remote Management Protocol	HTTP, CLI
Frequency Band	2.4 GHz, 5 GHz
Status Indicators	Status
Features	Auto-sensing per device, MAC address filtering, DFS support, VPN passthrough, wall mountable, reset button, pole mountable, Maximum Ratio Combining (MRC), 4T4R MIMO technology, ClientLink 3.0 technology, cyclic shift diversity (CSD), CleanAir 2.0 technology, Cisco Flexible Antenna Port technology, power over cable (PoC)
Encryption Algorithm	LEAP, AES, TLS, PEAP, TTLS, TKIP, WPA, WPA2
Authentication Method	X.509 certificates, Extensible Authentication Protocol (EAP)
Compliant Standards	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.1x, IEEE 802.11i, Wi-Fi CERTIFIED, IEEE 802.11n, IEEE 802.3at, IEEE 802.11ac
Antenna	
Antenna	Internal
Protocols & Specifications	DOCSIS 3.0
Analog Ports Qty	1
Communications	
Interfaces	1 x 1000Base-T - RJ-45 1 x - SFP (mini-GBIC) 1 x console - RJ-45 1 x antenna 1 x modem
Compliant Standards	ANSI C62.41, ICES-003, EN 300.328, EN 301.489.1, EN 301.489.17, FCC Part 15.247, OET 65 C, RSS-210, RSS-102, EN 61000-4-4, EN 61000-4-2, EN 61000-4-3, EN 61000-4-5, NEMA Type 4X, UL 60950-1 Second Edition, FCC Part 15.107, FCC Part 15.109, AS/NZS 4268, EN 301.893, FCC Part 15.407, ARIB STD-T66, ARIB STD-T71, IP67, EN 60950-1 Second Edition, IEC 60950-1 Second Edition
Voltage Required	AC 40 - 90 V / DC 10 - 16 V
Service & Support	Limited warranty - 1 year

AIR-AP1572IC1-B-K9 Specification

Min Operating Temperature	-40 °F
Max Operating Temperature	149 °F

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