Product Highlights

- 802.11 b/g/n 2 x 2 MIMO 300 Mbps
- Multiple Operation Modes
- Internal Omnidirectional Antenna
- Support 802.af (PoE)

LAN1   LAN2

DAP-F2300W
802.11b/g/n 2.4GHz Indoor Wireless AP

Features

- Support 802.11n and 2x2 MIMO
  Max transmission throughput: 300Mbps
- Support multiple wireless modes: Access Point, Client, Access
  Point (WDS), Client (WDS)
- Support Route mode
- Wireless multimedia optimization technology
  guarantees video/Traffic shaping
- Web-based configuration, easy to use
- Support remote configuration and upgrade
  management via AC
- Support SNMP
- Support 802.3af(PoE)
- IP31

DAP-F2300W is a mini wireless access point (AP) designed for indoor wireless network based on 802.11n. This product can provide customers with stable indoor wireless signal coverage, to ensure that customers enjoy a stable, high quality, convenient broadband services.

Product design fully consider the in-wall installation's convenience and beauty, it is designed to meet IP31 standards, to avoid the intrusion of foreign bodies of the room.

Intelligent Rate Control   ACK Time-out Adjustment   2x2 MiMo

High Throughput   Hardware Watchdog   POE+

Application Scenario

Products can provide high quality wireless signal coverage, wide application of a variety of indoor scenes, such as hotels, offices, coffee shops schools and other areas.
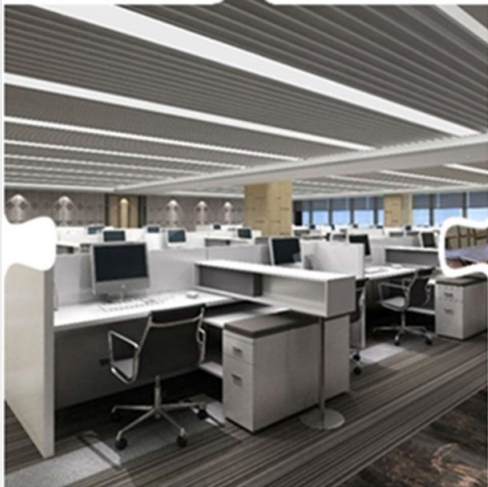
Hotel

Cafe

Office

School

Hardware Specifications

CPU/Baseband Radio	QCA9531
Memory	64M DDR, 16M Flash
Physical Interface	Front: 2x10 / 100Mbps auto-negotiation Ethernet port
	Back: 1x10 / 100Mbps auto-negotiation Ethernet port
Power Requirement	PoE 48V

Software Specifications

Protocol	802.11b/g/n
Operation Mode	Access Point, Client, Access Point (WDS), Client (WDS)
Networking	Bridge, Router
Operating Frequency	2412~2472MHz
Security	WPA/WPA2, Hide SSID, IP/MAC Filtering
Configuration	Web-based configuration, AC Management, SNMP Management
Firmware Update	Firmware update via browser or AC

Physical/Electrical/Environmental/Antenna

Enclosure Characteristics	ABS
Mounting Kit	In-wall Installation
Working Temperature	0 °C to 45 °C
Storage Temperature	-40 °C to 70 °C
Dimensions	86x86x34 mm
Weight	105g
Max Power Consumption	<4W
Antenna Gain	3dBi omnidirectional antenna

RF Index

TX Power Specifications (2T2R)				RX Sensitivity Specifications			
	Date Rate	Avg. TX	Tolerance		Data Rate	Avg. TX	Tolerance
11b	1~11 Mbps	21dBm	+/- 1.5dB	11b	11 Mbps	-90 dBm	+/- 1.5dB
11g	6~24 Mbps	21dBm	+/- 1.5dB	11g	6 Mbps	-89 dBm	+/- 1.5dB
	36 Mbps	21dBm	+/- 1.5dB		24 Mbps	-88 dBm	+/- 1.5dB
	54 Mbps	21dBm	+/- 1.5dB		54 Mbps	-76 dBm	+/- 1.5dB
11n HT20	MCS0~3	21dBm	+/- 1.5dB	11n HT20	MCS0	-90 dBm	+/- 1.5dB
	MCS4	21dBm	+/- 1.5dB		MCS7	-76 dBm	+/- 1.5dB
	MCS7	20dBm	+/- 1.5dB		MCS15	-69 dBm	+/- 1.5dB
11n HT40	MCS0~3	21dBm	+/- 1.5dB	11n HT40	MCS0	-89 dBm	+/- 1.5dB
	MCS4	21dBm	+/- 1.5dB		MCS7	-72 dBm	+/- 1.5dB
	MCS7	20dBm	+/- 1.5dB		MCS15	-68 dBm	+/- 1.5dB