

Single Radio 802.11g/n Wireless Access Point

DATASHEET



Wifi-soft 310N AP

The Wifi-soft 310N is a Ceiling/Wall mount, indoor wireless Access Point based on IEEE 802.11n protocol and MIMO technology. It offers transmission rates upto 300 Mbps and is backward compatible with IEEE 802.11b/g equipment. The AP is powered by PoE power supply thus can be installed easily where power is not readily available. 310N comes with unique watchdog technology that automatically recovers from abnormal problems, optimizes the network and intelligently restarts in case of failures.

Features

High performance and superior coverage

- Gives up to 300 Mbps link speed
- Maximize coverage for optimal deployment
- Auto-channel selection, meshing
- Built-in AAA module for Wi-Fi hotspot networks

Comprehensive security

- Supports wireless security features (WPA, WPA2)
- MAC based Access Control List to protect against intruders Interoperate with both new and legacy clients

Interoperate with both new and legacy clients

- Supports IEEE 802.11n/g wireless clients to achieve maximum speed
- Backward compatible to allow legacy devices to connect at their fastest speed

Easy to Configure

- Supports both cloud mode as well as stand-alone mode
- Simple setup in minutes with intuitive Graphical User Interface (GUI)

Ideal Deployment



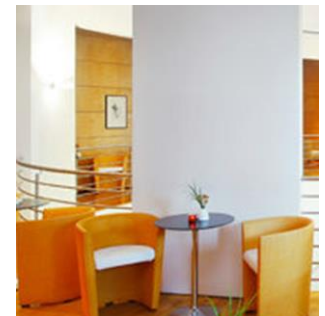
Hotel/Resort



Classroom/Conference



Mall/SuperMarket



Café/Restaurant

Technical Specifications

AP characteristics	
AP Throughput and Max users	300 Mbps ; 50+ users (AP Mode)
Radios (built-in)	2.4GHz:802.11b/g/n
Radio operation modes	Wi-Fi Access Point, Gateway, Local Meshing
AP operation modes	Cloud managed, Autonomous
Certification	FCC, CE Wi-Fi certified
Antenna	Internal MIMO antenna, Two 5dBi 2.4GHz
Ethernet Interface	1 * 10/100 Mbps RJ45 WAN Port; 1 * 10/100 Mbps RJ45 LAN Port
Reset Button	1 * Reset button, press 15 seconds to revert to factory setting
Power and POE specification	DC IN: 12V/1.5A, PoE IN: 48V/0.5A; IEEE 802.3af PoE compliant
Size	198mm X 28mm
Frequency band and Operating channels	
Americas	2.412 - 2.462 GHz (1 - 11 channels)
European Union	2.412 - 2.472 GHz (1 - 13 channels)
Taiwan	2.412 - 2.462 GHz (1 - 11 channels)
Japan	2.412 - 2.472 GHz (1 - 13 channels)
Israel	2.412 - 2.472 GHz (1 - 13 channels)
Rest of the world	2.412 - 2.472 GHz (1 - 13 channels)
Environment	
Operating temperature	32°F to 122°F (0°C to 50°C)
Operating relative humidity	5% to 95%, noncondensing
Non-operating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
Non-operating/Storage relative humidity	5% to 95%, noncondensing

Wifi-Soft Solutions Pvt. Ltd.

C-410, Technospace IT Park, Baner, Pune – 411045, India

Email: sales@wifi-soft.com

Phone: +1 (866) 554 5090 (US)

+91 86003-04226 (India)