

# IK-SW1



## 300Mbps Access Point

IK-SW1 is a 2.4Ghz indoor wireless AP , with 300Mbps wireless transmission rate, designed to provide wireless access to public areas ,such as hotel, conference hall, shopping mall, dormitory, KTV and other environment.

### Overview

The built-in professional antenna specially designed for the top ceiling installation can gather wireless energy on the front of the top ceiling AP and improve the wireless signal quality in the coverage area of AP. The internal antenna layout is scientific to reduce the same frequency interference and improve the transmission performance.

Automatically selecting the optimal channel, effectively avoiding the frequency interference New AP connect to wireless networks, will automatically work in with minimum interference channel, improve the network stability.

### Features

- Support fast roaming
- Support online upgrade
- Support WPA-PSK、WPA2-PSK、WPA-PSK+WPA2-PSK
- Adopt various encryption modes of WPA to ensure the security of wireless network
- Flexible and bandwidth priority strategy to ensure a good user experience
- Support AP online monitoring
- Support desktop placement or wall/ceiling mounting
- Supports up to 4 SSIDs
- Support intelligent AC management, realize the one-key upgrade.

## Hardware

- Qualcomm QCA9531
- 2\*10/100M Base-T RJ45 Port
- RAM:128M Flash:16MB
- 48V (802.3 af/at)
- Power Consumption: <10W
- Wi-Fi coverage: 20 Meter
- Ceiling/wall mounting

## Others

- Certification: ,CE, CNAS
- GB 4208-2008: IP20, IEC60529:2001
- CB with IEC/EN 60950-1 safety standard
- Air Pressure: 86KPa~106KPa
- Operating Temperature :-5°C ~ +45°C
- Storage Temperature:-20°C~+75°C
- Size: 205 x 205 x 39mm ( W x D x H )
- G.W: 500g
- Warranty: 1 year

## Wireless

- Frequency :2.4GHz
- Wireless Speed : 300Mbps
- Transmit Power: 23dBm
- Antenna Gain: 3dBi
- Concurrent users: 30+
- WiFi standards: IEEE802.11 b/g/n

## Wi-Fi Features

- Automatic Channel Assignment
- Transmit Power adjustable
- Quality Of Service (QoS) Beam forming ,Band Steering Load
- Balance
- Rate Limitation
- Wireless Statistics based on SSID/AP/Client
- Captive Portal Authentication
- Access Control
- Wireless Mac Address Filtering
- Wireless Isolation Between ClientsSSID to VLAN Mapping
- Rogue AP Detection
- WPA-PSK, WPA2-PSK,WPA-PSK+WPA2-PSK

## Application



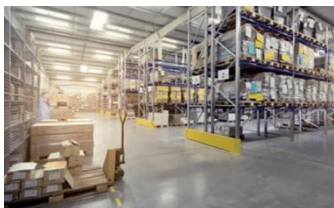
Meeting Room



Department



Factory



Warehouse



Server Center



School/Campus

## Ordering Information

- IK-SW1      300Mbps single-band Access Point (PoE ) x1  
Mounting Kits x 1  
Installation Guide /Warranty Card x1  
Ethernet Cable x1

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