

# IK-S3



## 300Mbps Access Point

IK-S3 is a 2.4GHz 2x2 MIMO 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 802.11 a/b/g/n 2.4 GHz/ 2×2 MIMO
- Support multi SSID,divide Vlan for SSID, improve network security
- AP/WDS/AP- WDS working mode
- Adopt various encryption modes of WPA to ensure the security of wireless network
- Flexible and bandwidth priority strategy to ensure a good user experience
- Simple mounting design for easy attachment to a wall or ceiling
- Support desktop placement or wall/ceiling mounting
- Support wireless roaming
- Support intelligent AC management, realize the one-key upgrade, centralized management and maintenance of AP

## Hardware

- Qualcomm QCA9531
- 2\*10/100M Base-T RJ45 Port
- RAM:128M Flash:16MB
- 42.5V~57V(802.3f POE(PD))
- Power Consumption: 12W
- Wi-Fi coverage: 35Meter
- Ceiling/wall mounting

## Others

- Certification: CCC, RoHS,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: 160 x 160 x 30mm ( W x D x H )
- G.W: 300g
- Warranty: 1 year

## Wireless

- 2.4G : 2x2 Wi-Fi (802.11b/g/n )
- Wireless Speed up to 300Mbps
- 2.4Ghz: 300Mbps
- Transmit Power: 26dBm
- Antenna Gain: 3dBi
- Concurrent users: 60+

### 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

### Wi-Fi features

- 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



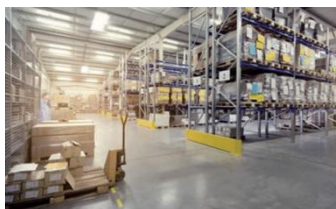
Meeting Room



SMB/Office



Airport/Queue area



Warehouse



Server Center



School/Campus

## Ordering Information

IK-S3                      300Mbps single-band Access Point (PoE ) x1  
Mounting Kits x 1  
Installation Guide /Warranty Card x1  
Ethernet Cable x1