



# KS-AP1200W

1200M Gigabit Wall-plate Access Point

#Version 1.0 by Kosky

# KS-AP1200W

## Introduction

---



KS-AP1200W is the good-performance dual-band Fit wall-plate AP complying with IEEE802.11ac standard and well work in both 2.4GHz and 5GHz dual-frequency with maximum concurrent speed 1200Mbps so as to meet the wireless access demands of hotel rooms, hospitals, offices, school dormitories and etc. It is standard 86mm wall-junction design with 2 ports of 1\*Gigabit PoE WAN and 1\*Gigabit LAN for convenient installation and deployment, and also accept the different colors selection based on your decoration environment. KS-AP1200W supports the band steering (5GHz priority) to guarantee the network performance of the entire wireless network, and also includes the functions of SSID and automatic removal of weak signal devices during practical operation. In one word KS-AP1200W is the reliable and ideal choice for independent space such as workshop, dormitory, hotel room and so onrequiring high-quality wireless coverage and performance.

## Highlights

---

- √ Support 802.11ac Wi-Fi 5 technology on both 5Ghz and 2.4GHz (Backward compatible)
- √ Dual-band maximum throughput upto 1200Mbps of 5.8GHz 867Mbps & 2.4GHz 300Mbps
- √ Comply with 802.3af 48V standard PoE remote power supplying upto 100 meters
- √ Support maximum connected clients upto 32 user clients and 50 devices
- √ Adoption of 4\* > 3dBi omnidirectional antennas for better Wi-Fi signal coverage
- √ 2T2R MIMO and Band Steering(5G Priority) technologies greatly increase the efficiency
- √ A group of dedicated and diligent technical team of 24/7 chat support for peace of mind
- √ Easy installation and deployment whenever your project solution demand

# Key Features

---

## ◆Dual-band 1200Mbps Wi-Fi 6 standard for fast wireless experience

IEEE802.11ac standard provides big bandwidth and support dual-band concurrent of 2.4GHz 300Mbps and 5.8GHz 867Mbps.

## ◆2T2R MIMO and Band Steering technologies enhance the performance

Adoption of the advanced technologies so as to guarantee the network performance and bring clients an excellent wireless experience.

## ◆4\* > 3dBi omnidirectional FPC antennas for good wireless coverage

With 4\*omnidirectional FPC antennas the wireless signals can well reach and cover every zone of the space so that there is no worry about the wireless quality.

## ◆Plug-and-play Fit AP without configuration need

Together with gateway or AC controller to fulfill the wireless network coverage and deployment.

## ◆PoE standard technology of one cable transmitting data and power with convenience and safety

PoE technology effectively solve the problem of power supplying during deployment and installation. Through one cable both the communication data and power supplying can be guaranteed.

## ◆Standard 86mm junction box design and various color selection

Adoption of standard 86mm wall junction box design for quick and simple installation without need of extra cost, time or professional knowledge. Also it's accepted to choose the target colors according to your decoration demands.

# Specification

Product Information	
Model	KS-AP1200W
Size	86*86*40mm
Hardware	
CPU	1GHz
Wi-Fi Protocol	2.4GHz: 300Mbps 802.11b/g/n MIMO 5.8GHz: 900Mbps 802.11a/n/ac MIMO
Memory	128MB DDR RAM
Flash	16Mbyte
Ethernet Port	1*Gigabit WAN+1*Gigabit LAN ports
Button	1*RESET (long press 3 seconds)
Indicators	Power indicator
Antenna	4* > 3dBi omnidirectional antennas
Power	802.3af 48V 0.5A standard PoE power supply
RF Feature	
Frequency Range	ISM Band: 2.400GHz~2.4835GHz 5.150GHz ~ 5.850GHz
Channel Distribution	2.4GHz: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 5.8GHz: 36, 40, 44, 48, 52, 56, 60, 64, 149, 153, 157, 161, 165
Modulation	OFDM=BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM;
	DSSS=DBPSK, DQPSK, CCK
Output Power	2.4GHz: 802.11b: @11M:13±2dB, @1M:13±2dB 802.11g: @54M:10±2dB, @6M:13±2dB 802.11n VHT20/VHT40: @MCS7:10±2dB, @MCS0:13±2dB
	5.8GHz: 802.11a: @54M:15±2dB, @6M:18±2dB 802.11n HT20/HT40: @MCS7:15±2dB, @MCS0:18±2dB 802.11ac VHT20: @MCS7:13±2dB, @MCS0: 15±2dB VHT40: @MCS7:13±2dB, @MCS0: 15±2dB VHT80: @MCS7:13±2dB, @MCS0: 15±2dB

<b>Security</b>	WPA-PSK/WPA2-PSK
<b>Software</b>	
<b>Working Mode</b>	Fit AP of plug-and-play
<b>Client Capacity</b>	32+
<b>Network</b>	Controller address/DHCP/Static IP
<b>System</b>	Reset/System Restart
<b>Others</b>	
<b>Operating Temperature</b>	-10 ℃ ~ 55 ℃
<b>Storage Temperature</b>	-40 ℃ ~ 70 ℃
<b>Operating Humidity</b>	10%~90% non-condensing
<b>Storage Humidity</b>	5%~95% non-condensing
<b>Certificate</b>	CE/FCC

## Packaging List

Material	QTY
KS-AP1200W	1
QIG	1

## Relevant Useful Products

Model	Description
KS-IG200	AIO Router & Access Controller
KS-PS082G	10-Port Full Gigabit Smart PoE Switch 8-Port PoE+2-Port Uplink
KS-TE54804	52-Port 10G Uplink Full Gigabit L3 Managed Ethernet Switch 48-Port Gigabit+4-10G SFP Uplink+1-Console+1-USB

**Note:** For more information about the recommended products you can check our website or freely contact our product R&D team by E-mail: [support@koskyglobal.com](mailto:support@koskyglobal.com)

# Exceed Your Expectation



## Shenzhen Kosky Technology Co., Ltd.

5th Floor, Building A, Wanhe Technology Building, No.7  
Huitong Road, Fenghuang Community, Fenghuang Street,  
Guangming District, Shenzhen, China.

[sales@koskyglobal.com](mailto:sales@koskyglobal.com)