

11AC 1167Mbps Wireless Panel Access Point

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Variants

IK-W7

Details

IK-W7 Dual-Band Wi-Fi 5 Gigabit Wall Access Point

The **IK-W7 Dual-Band Wall Access Point** is a high-performance Wi-Fi 5 (802.11ac Wave 2) wireless access point designed for hotels, apartments, offices, schools, and enterprise networks. Featuring **2×2 MU-MIMO**, dual-band wireless connectivity, and **four Gigabit Ethernet ports**, it delivers fast, stable, and secure wireless access for multiple users.

Powered through **48V PoE**, the IK-W7 supports intelligent AC centralized management, fast roaming, VLAN, scheduled reboot, multilingual SSID configuration, and enterprise-grade wireless security, making deployment and maintenance simple while providing an excellent wireless experience.

Quick Specifications

Wi-Fi Standard

Wi-Fi 5 (802.11ac)

Ethernet Ports

4 × Gigabit

User Capacity

60+ Users

Power Input

48V PoE

Key Features

IEEE 802.11 a/b/g/n/ac wireless standards

Dual-band 2.4GHz & 5GHz wireless

802.11ac Wave 2 with 2×2 MU-MIMO

4 × 10/100/1000 Mbps Gigabit LAN ports

Supports more than 60 wireless users

48V PoE powered installation

20 dBm wireless transmit power

5GHz priority access

Fast wireless roaming

SSID VLAN support

Chinese & English SSID configuration

- Hidden SSID support
- Centralized AC management
- Scheduled reboot & one-click firmware upgrade

Applications

Hotels

Wall-mounted wireless access for hotel rooms with Gigabit LAN connectivity.

Apartments & Dormitories

Reliable wireless coverage and wired network access for residential buildings.

Enterprise Offices

Ideal for offices requiring secure wireless roaming and centralized management.

Schools & Campuses

Supports multiple users with seamless roaming across the wireless network.

Technical Specifications

Category	Specification
Model	IK-W7
Product Type	Dual-Band Wi-Fi 5 Wall Access Point
Wireless Standards	IEEE 802.11 a/b/g/n/ac

Category	Specification
Wireless Architecture	802.11ac Wave 2, 2×2 MU-MIMO
Frequency Band	2.4GHz & 5GHz
Ethernet Interface	4 × 10/100/1000 Base-TX RJ45
User Capacity	60+ Users
Transmit Power	20 dBm
Coverage Radius	Up to 10 meters
Power Supply	48V PoE
Dimensions	120 × 86 × 43 mm

Wireless & Management Features

Feature	Details
Wireless Security	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK
5GHz Optimization	5GHz Priority Access
Roaming	Fast Wireless Roaming
SSID Management	SSID VLAN, Hidden SSID, Chinese & English SSID
Wireless Configuration	Independent Signal Strength & Channel Settings
Central Management	Intelligent AC Unified Management
Maintenance	One-Key Firmware Upgrade, Scheduled Restart, Custom Startup Time

Installation Recommendation

Install the IK-W7 using a **48V PoE** switch or PoE injector for simplified deployment. It is ideal for hotel guest rooms, apartments, offices, and classrooms where both wireless connectivity and multiple Gigabit LAN ports are required. For larger deployments, use the built-in **AC centralized management**, enable **5GHz priority** and **fast roaming**, and configure SSID VLANs to improve network performance, security, and user experience.