

# IK-W6(11AC 1167Mbps Wireless In-Wall Access Point)

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## Details

## IK-W6 Dual Band Gigabit Wi-Fi Access Point

The **IK-W6** is a high-performance **Dual Band Gigabit Wireless Access Point** designed for hotels, apartments, offices, schools, villas, and enterprise wireless deployments. Supporting both **2.4GHz and 5GHz** wireless networks with **802.11ac Wave 2 MU-MIMO** technology, it delivers stable and high-speed wireless connectivity for modern WLAN environments.

Its compact **86-type wall-mount design** allows easy installation into standard wall junction boxes, making it suitable for hospitality and commercial deployments where clean installation and reliable wireless coverage are required.

## Key Features

Dual-band wireless network (2.4GHz + 5GHz)

IEEE 802.11ac Wave 2 technology

2 x 2 MU-MIMO wireless architecture

Gigabit Ethernet connectivity

Supports fast roaming

Supports 5GHz priority access

Supports SSID VLAN binding

Supports hidden SSID configuration

Supports intelligent AC unified management

Supports scheduled restart and timed operation

Compact 86-type wall-mount design

48V PoE power supply support

## Product Specifications

| Category                     | Specification                  |
|------------------------------|--------------------------------|
| <b>Model</b>                 | IK-W6                          |
| <b>Wireless Standard</b>     | IEEE 802.11 a/b/g/n/ac         |
| <b>Wireless Architecture</b> | 802.11ac Wave 2, 2 x 2 MU-MIMO |
| <b>Frequency Bands</b>       | 2.4GHz & 5GHz                  |
| <b>Ethernet Interface</b>    | 2 x 10/100/1000 Base-TX Ports  |
| <b>User Capacity</b>         | 60+ Users                      |
| <b>Transmit Power</b>        | 19 dBm                         |
| <b>Coverage Radius</b>       | Up to 15m                      |
| <b>Power Supply</b>          | 48V PoE                        |
| <b>Dimensions</b>            | 86 x 86 x 35 mm                |

## Wireless & Management Features

| Feature                     | Support   |
|-----------------------------|-----------|
| <b>5GHz Priority Access</b> | Supported |

| Feature                                  | Support                         |
|--|---------------------------------|
| <b>Fast Roaming</b>                      | Supported                       |
| <b>Wireless Roaming</b>                  | Supported                       |
| <b>SSID VLAN Binding</b>                 | Supported                       |
| <b>SSID Hide Function</b>                | Supported                       |
| <b>Chinese &amp; English SSID</b>        | Supported                       |
| <b>Signal Strength Adjustment</b>        | Supported                       |
| <b>Channel Configuration</b>             | Supported                       |
| <b>One-Key Online Upgrade</b>            | Supported                       |
| <b>Intelligent AC Unified Management</b> | Supported                       |
| <b>Scheduled Restart</b>                 | Supported                       |
| <b>Timed AP Operation</b>                | Supported                       |
| <b>Wireless Security</b>                 | WPA-PSK, WPA2-PSK, WPA/WPA2-PSK |

## Installation Features

| Parameter                       | Description                                  |
|---------------------------------|--|
| <b>Installation Type</b>        | 86-Type Wall Mount Junction Box Design       |
| <b>Deployment Style</b>         | In-Wall Wireless Access Point                |
| <b>Installation Environment</b> | Hotels, Apartments, Offices, Villas, Schools |

**Applications:** Hotels, Guest Rooms, Apartments, Villas, Offices, Hospitality Networks, Smart Homes, and Enterprise Wireless Deployments requiring dual-band Wi-Fi coverage and centralized management.

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