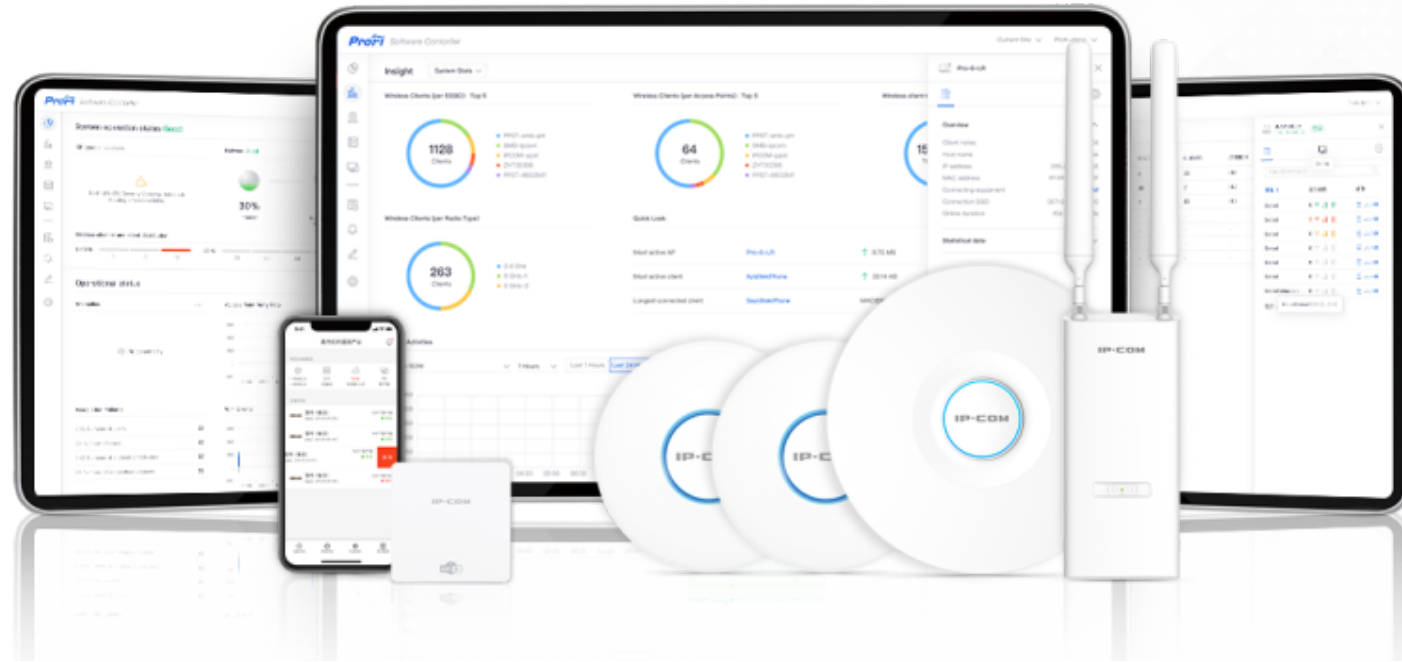


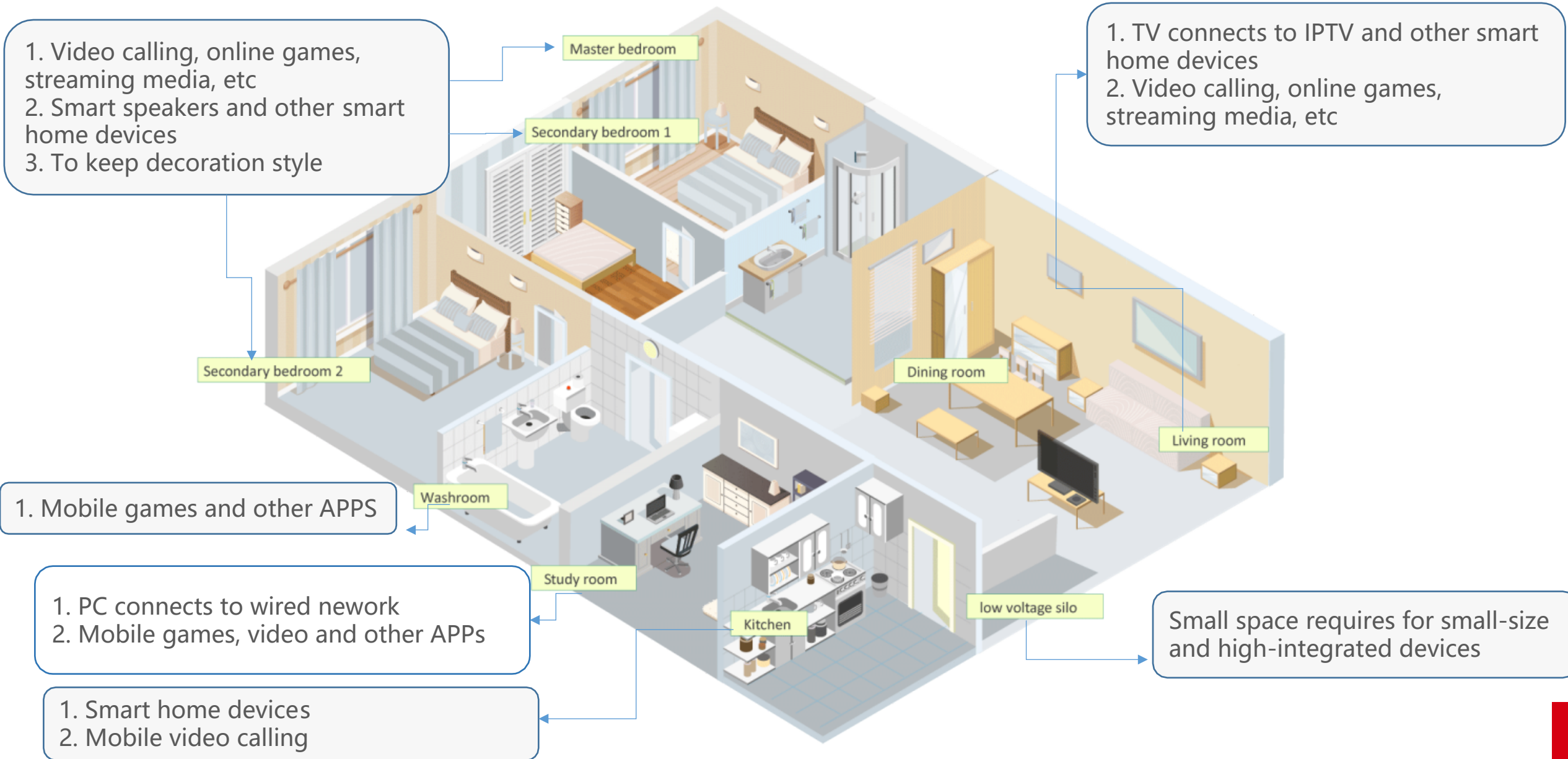
IP-COM Whole-Home Gigabit Wi-Fi Networking Solution

—— Large suite scenarios up to 4 rooms



1. Requirements
2. Solutions
3. Benefits
4. Recommendations

1. Requirements of large suite scenarios



1. Requirements Summary

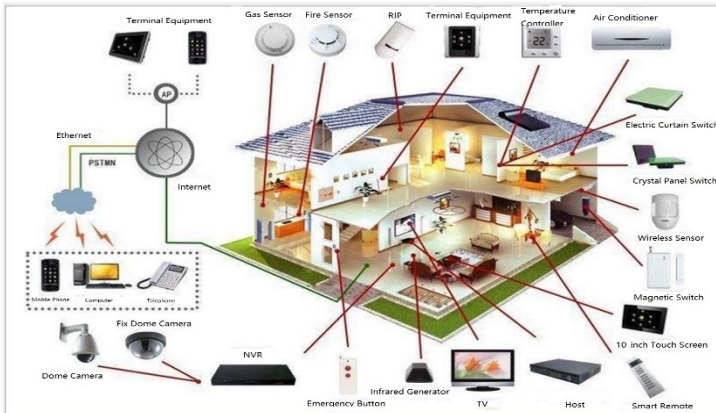
- 1 Gaming, calling and watching video without latency



- 2 WiFi coverage to every corner



- 3 All smart home devices can connect to WiFi

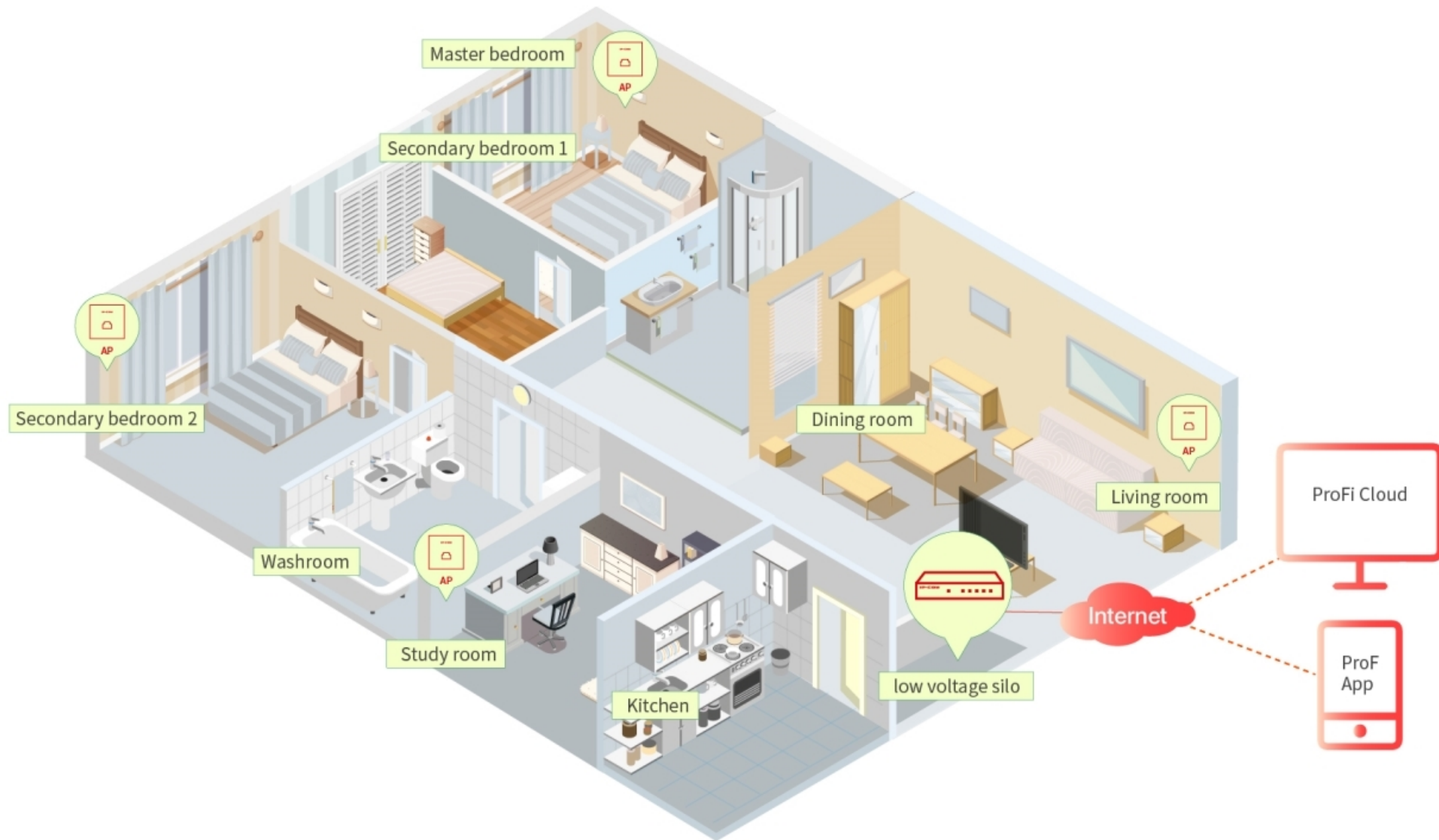


- 4 Small size with pleasant appearance



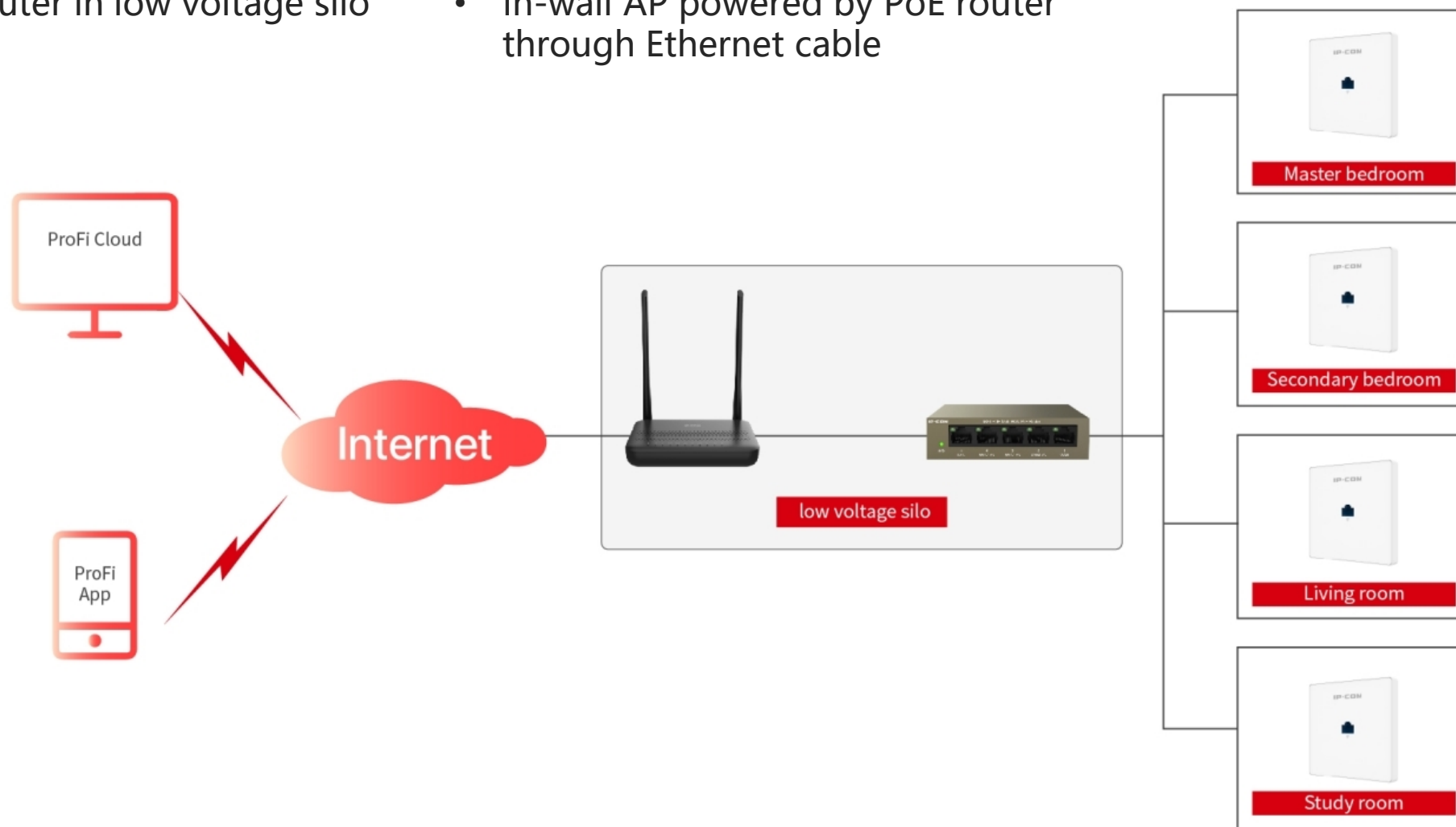
1. Requirements
2. **Solutions**
3. Benefits
4. Recommendations

2. Solutions——General Design



2. Solutions——Network topology

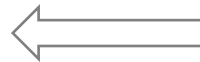
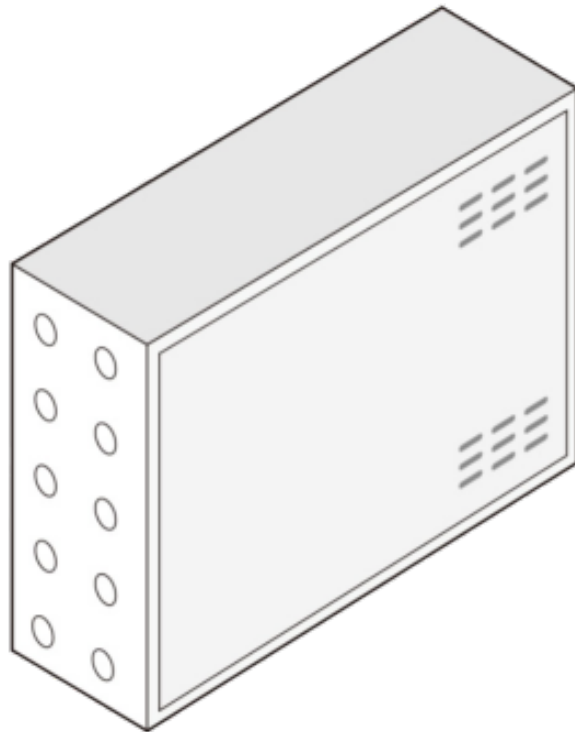
- Large suites up to 150m²
- Put Router in low voltage silo
- A in-wall AP each room
- In-wall AP powered by PoE router through Ethernet cable



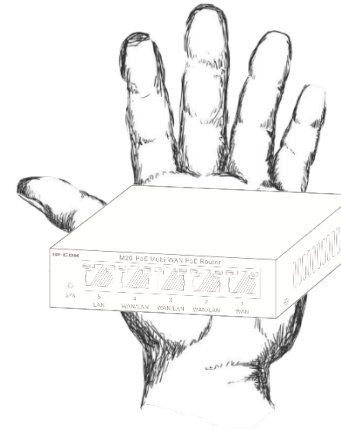
2. Solutions——Key Locations Network Deployment

low voltage silo

M20-PoE's ultra-small body fits any tiny low voltage silo. Its full gigabit ports meet the bandwidth needs of large houses.



Palm Size

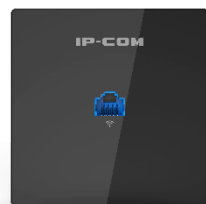


2. Solutions——Key Locations Network Deployment

Bedroom, living room, study room

One AP covers one room, which provides stable and fast wifi to ensure smooth gaming and streaming experience without latency. 86 type mounting box can be perfectly integrated into different decorative styles

W36AP: 86 type mounting box, **multiple colour** available, dual-band wireless rate up to 1167 Mbps.;



Pro-6-IW: **Easy installation** without any tools; also supports 86 type mounting box installation; wireless rate up to **3000Mbps**



1. Requirements
2. Solutions
3. **Benefits**
4. Recommendations

3. Benefits

Benefit 1: Integrated Router, AC Controller and PoE Power Supply, easy to install and manage



Full-featured and Cost-saving

No need for an AC controller and PoE switch, much lower solution cost.



M20-PoE

=



Router

+



AP controller



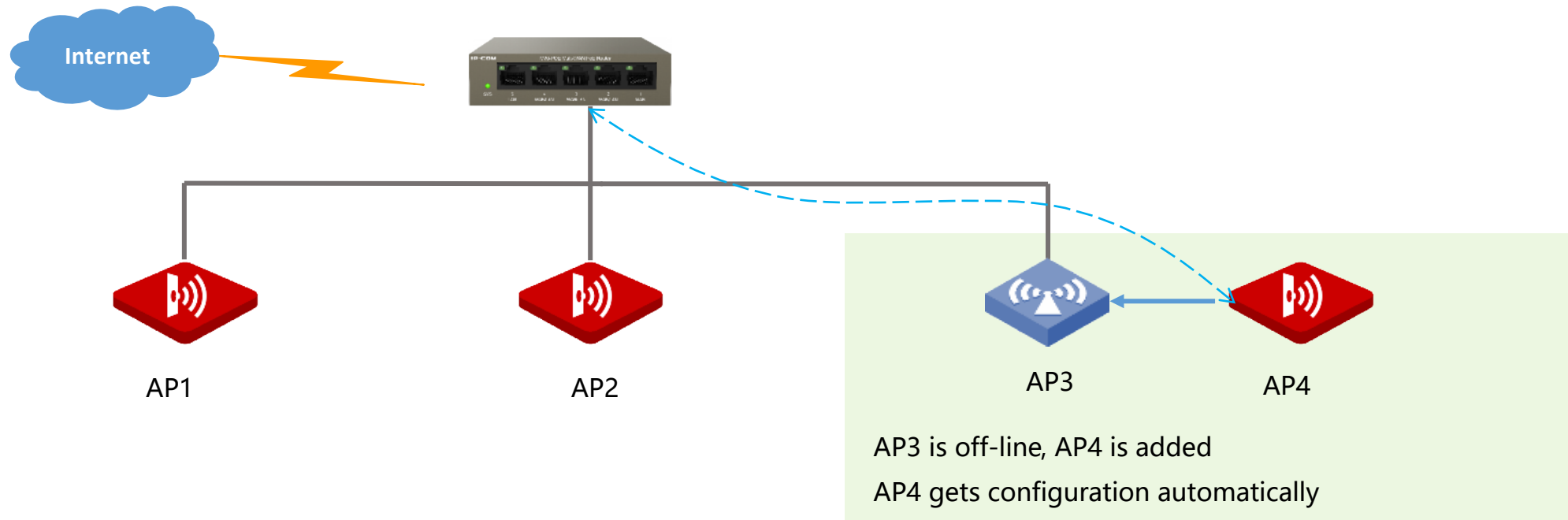
PoE Switch

3. Benefits

Benefit 2: Smart AP Management, Plug and play



Function design: The device provides an easy to use management web page and the network configuration can be done in less than 5 minutes. The device supports Smart AP Management, wireless configurations are automatically extend to the new AP when network topology has changed(replaced or added)



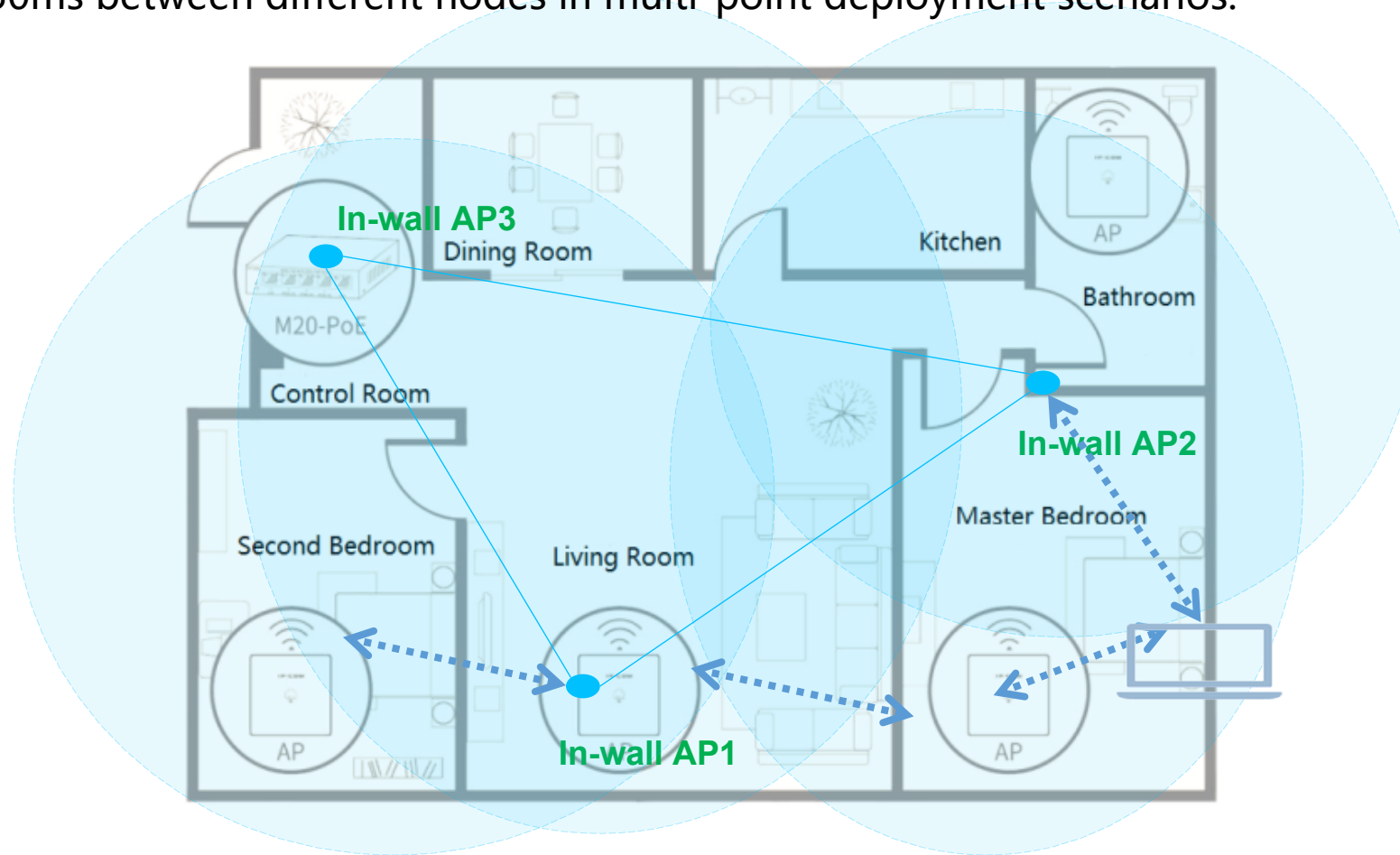
3. Benefits

Benefit 3: Seamless roaming, WiFi on the go



Smooth WiFi switching, network in every corner

W36AP supports 802.11v/r seamless roaming protocol and automatic nodes switching, with roaming speed of up to 50ms between different nodes in multi-point deployment scenarios.

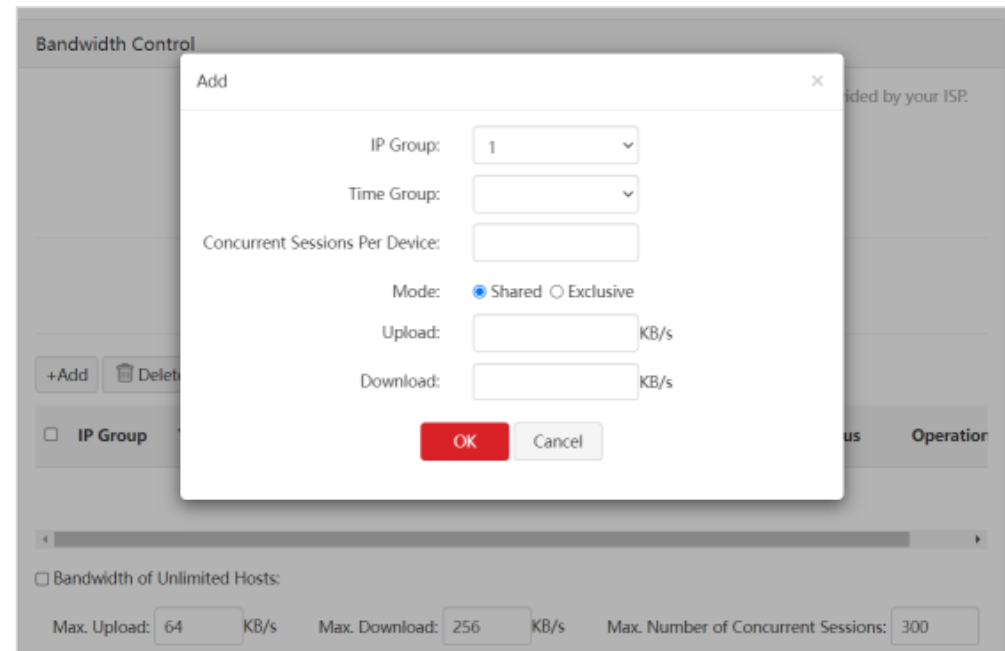
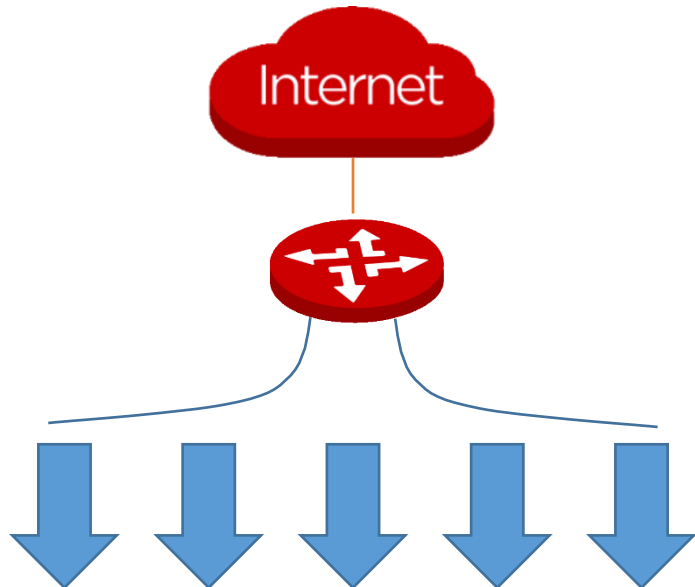


3. Benefits

Benefit 4: Intelligent bandwidth management to ensure each person has good connection



Value: The router performs intelligent bandwidth management according to the bandwidth usage rate. Effectively solves the problem of a device occupying all network resources and improves the network experience.



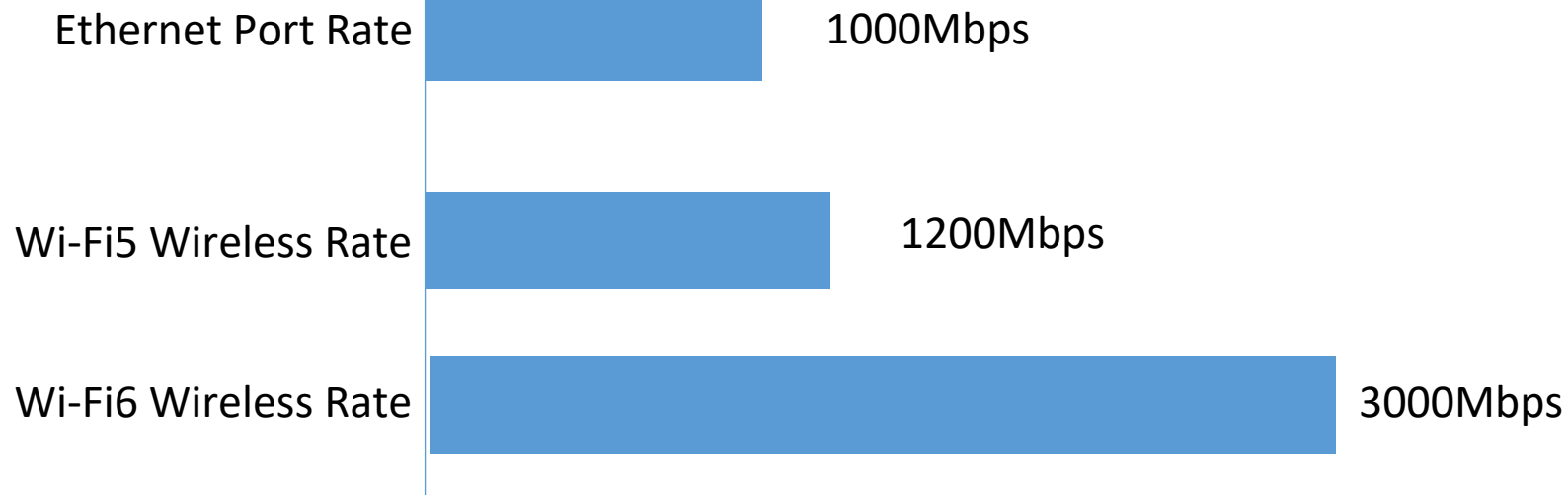
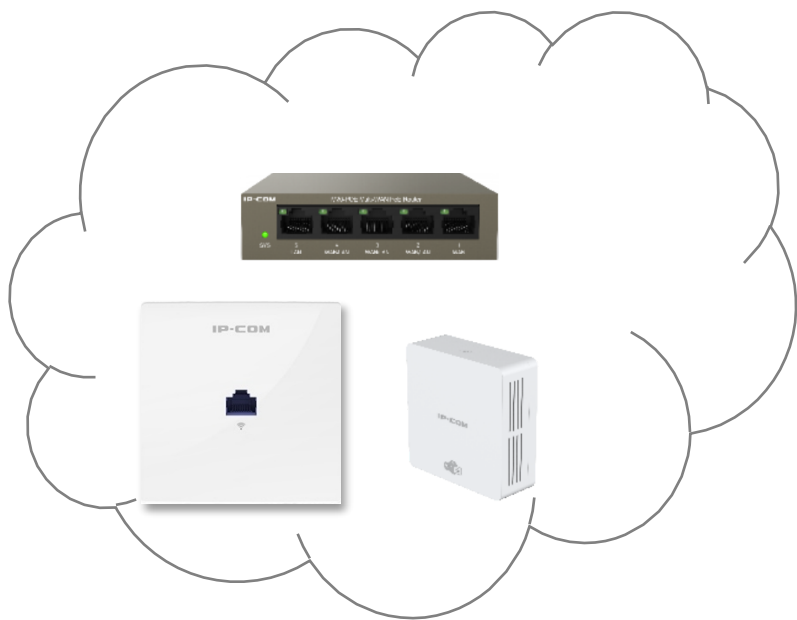
3. Benefits

Benefit 5: Gigabit Bandwidth



Full Gigabit wireless network to unleash every megabit of your bandwidth

Connected gigabit ports with dual-band gigabit Aps, enhance the performance of network experience.



3. Benefits

Benifit 6: Quick set-up wizard, Plug and Play

Quick set-up wizard, no engineering experience required



Installation: A quick setup wizard automatically pops up when you connect to Wi-Fi, so you can complete network setting in two easy steps.

Maintenance: APP & Cloud platform ensure real-time project status monitoring, aftersales maintenance and remote operation.

Wireless Configuration

Delete

Add

<input type="checkbox"/>	SSID	Security Mode	Wi-Fi Password	VLAN ID	Hide SSID	Maximum Number of Clients	Shutdown Schedule	Operation
<input type="checkbox"/>	IPCOM Pro-6-LR	WPA2-PSK	12345678	Disable	Disable	40	Disable	Edit Delete

Total 1 items

<

1

>

5 items/page

Deliver Wireless Configuration

Deliver

Clear

Q

Enter keywords to search

<input type="checkbox"/>	Model	Status ↑	Remarks	Management Mode	IP Address	MAC Address	2.4 GHz Wireless	5 GHz Wireless	Deliver Wireless ⋮
<input type="checkbox"/>	Pro-6-LR	Online	Pro-6-LR	Cloud Management	192.168.1.100	C8:3A:35:26:81:A8	-	-	@ Deliver

Total 1 items

<

1

>



5 items/page

Pro-6-LR Online			×
			⚙
Wireless Configuration			
2.4GHz			
SSID	Property	Operation	
IPCOM Pro-6-LR	Cloud Configuration	Unbind	
+ Add			
5GHz			
SSID	Property	Operation	
IPCOM Pro-6-LR	Cloud Configuration	Unbind	
+ Add			

1. Requirements
2. Solutions
3. Benefits
4. Recommendations



4. Recommendations

——Cost-effective Wi-Fi 5 solution

Scene	Device	Model	Image	Features	Layer
Low voltage silo	Router	M20-PoE		<ul style="list-style-type: none">• 5*Gigabit Ethernet ports, 4*PoE ports	Core layer
Bedroom, Living room, Study room	In-wall AP	W36AP		<ul style="list-style-type: none">• 300Mbps+867Mbps• 2*Gigabit Ethernet ports• 18dBm+16dBm	Access layer

4. Recommendations

——High Performance Wi-Fi6 Solution

Scene	Device	Model	Image	Features	Layer
Low voltage silo	Router	M20-PoE		<ul style="list-style-type: none">• 5*Gigabit Ethernet ports, 4*PoE ports	Core layer
Bedroom, Living room, Study room	In-wall AP	Pro-6-IW		<ul style="list-style-type: none">• 574Mbps+2402Mbps• 2*Gigabit Ethernet ports• 20dBm+20dBm	Access layer

IP-COM / THANKS

WORLD WIDE WIRELESS