

iziFi[®]
WIFI FOR BUSINESS



IZIFI AC LR
MODEL: A771

IZIFI BUSINESS

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Overview

The Consumer-Grade Long Range Coverage 802.11ac Access Point, especially designed for the Indoor Environments deployment with High-Throughput-Demand.

Ideal Use Cases

- Deploying to business wireless LANs.
- Recommended for Long-Range coverage.

Hardware Features

- 2 radios: 2.4 GHz, 5 GHz, dual-band
- 802.11N, 802.11AC 750Mbps.
- 2 × 100 Mbps Fast Ethernet port (WAN, LAN)
- PoE: 802.3at
- Support 12Volt DC input.

Operation Management

- Support flexible mode FIT(Wlan Controller Member) and FAT(Stand Alone AP)
- Central-provisioning from Wlan Controller.
- Self configuration one by one AP via WEB GUI.
- Support flexible network mode operation: AP, AP Router, WDS Wireless Link, ISP Client.

Wlan Network Optimization

- In FAT Mode, Auto channel selection by AP self in the Passive.
- In FIT Mode, Auto channel provision from the Cental Wlan Controller with flexible mode Passive and Active.
- Radios optimized for rate-vs-range performance
- Built-in real-time RF spectrum view in FAT mode.
- Wlan Controller-based automatic roaming assistant(Client's match decision).
- Support Band Steering Prefer 5Ghz.
- Support Fast Roaming 802.11k,v,r

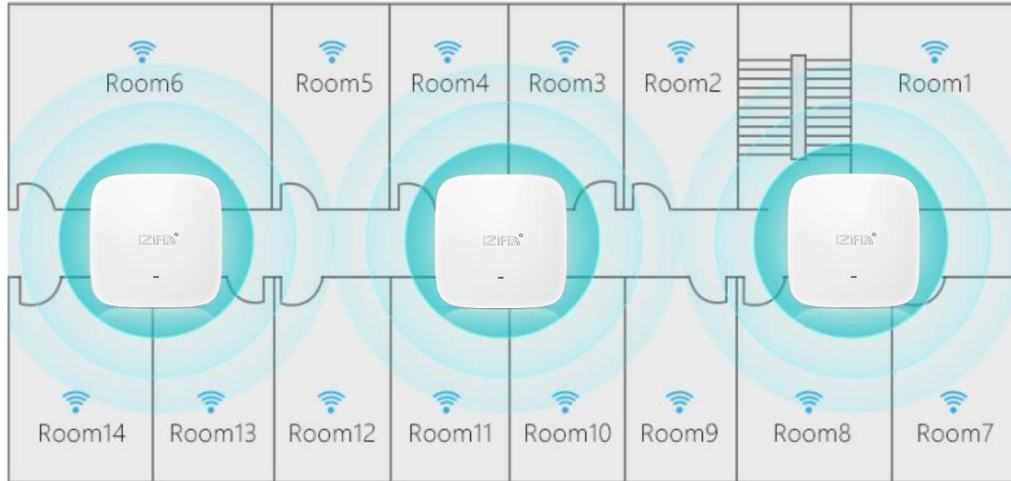
Wire Network Optimization.

- Support Multi 4SSID/Vlan tag per radio.
- MAC ACL in the FAT mode.
- Router support DHCP Server and Bandwidth QOS in FAT Mode.
- Router support port forwarding and DMZ.
- Monitor and track statement of the online client devices.

Overview

Device management

- Create device-specific firewall rules
- Schedule reboot system.
- Schedule on/off Wlan Radio WiFi.
- Central Firmware Management or Direct Firmware Upgrading
- Local syslog.



Specifications

A771	
802.11 Standard	802.11 A/N/AC 5.8Ghz
Data Rate	750Mbps
Antenna	Integrated 2x2:2 Antenna With 5 dBi
Transmit Power	High
Beamwidth	360°
Chanel Bandwidth	20/40/80 MHz
Network Interface	(2) x 10/100 Mbps Fast Ethernet Ports

Specifications

A771	
Power Method	802.3af/at PoE 48V Passive PoE (Pairs 4,5+ & 7,8-) 12V 1.5A DC Jack
Features	Wireless AP, Router AP, WDS Link, Client ISP Wan Interface: DHCP Client, Static, PPPoE Multiple 4 SSID/radio Vlan/SSID 802.1q Wlan Security: Open, WPA/WPA2-PSK RF Optimization configuration. Firewall: DMZ, Port forwarding, ACL L3/L4, MAC Binding. System Firmware, backup restore configuration. System time zone FIT MODE: Wlan Controller (CAPWAP)
Max Power Consumption	<11W
Assistant Interface	(1) Reset button, press 15 seconds for default setting
LEDs	1 Power, 1 WAN, 1 LAN and 4 Wi-Fi Signal Strength LEDs
ESD/EMP Protection	Contact Discharge: $\pm 6\text{KV}$ Air Discharge: $\pm 8\text{KV}$

A771

RF Power

2.4G RF Power

802.11b	11M	21±2dBm	1M	20±2dBm
802.11g	54M	20±2dBm	6M	20±2dBm
802.11n HT20	MCS7	19±2dBm	MCS0	20±2dBm
802.11n HT40	MCS7	18±2dBm	MCS0	20±2dBm

5G RF Power

802.11a	54M	19±2dBm	6M	23±2dBm
802.11n HT20	MCS7	18±2dBm	MCS0	23±2dBm
802.11n HT40	MCS7	17±2dBm	MCS0	22±2dBm
802.11ac HT80	MCS9	16±2dBm	MCS0	20±2dBm

Receive Sensitivity

2.4G Receive Sensitivity

802.11b	11M	-85dBm	1M	-94dBm
802.11g	54M	-72dBm	6M	-90dBm
802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
802.11n HT40	MCS7	-68dBm	MCS0	-86dBm

5G Receive Sensitivity

802.11a	54M	-74dBm	6M	-90dBm
802.11n HT20	MCS7	-72dBm	MCS0	-88dBm
802.11n HT40	MCS7	-68dBm	MCS0	-89dBm
802.11ac HT80	MCS9	-58dBm	MCS0	-90dBm

Specifications

A771	
Concurrent Connection	100+
Concurrent Users	60
Dimensions	188mm * 188 mm * 50 mm
Environment	Operating Temperature: -30~55 °C Max Operating Temperature: -40~70 °C (Throughput lower) Storage Temperature: -40~70 °C Humidity: 5%~95% non-condensing
Management	Firmware GUI, Remote Management, Wlan Controller (CAPWAP)