WI-AC150
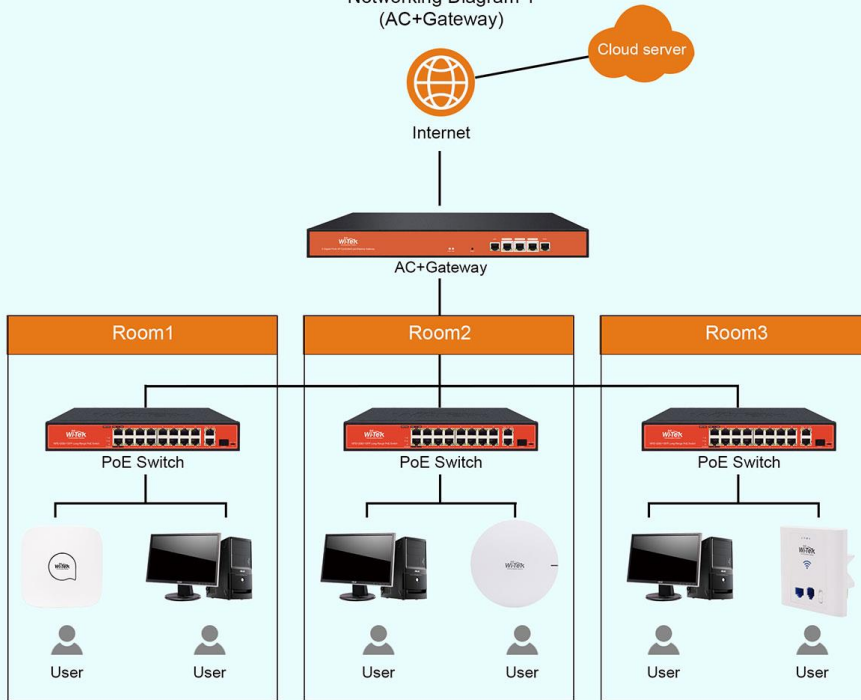# 5-Gigabit Ports Wireless Access Point Cloud Controller/Gateway Datasheet

Highlights

- Maximum AP managed number up to 150
- 5 Gigabit Ethernet Ports
- Support 1-4 WAN ports for load balance
- WLAN Radio Spectrum Analysis t ensure work on best channel
- AP and Clients online status statistics
- Unified manage all indoor and outdoor Aps
- Intra-AC, Inter-AP L2 /L3 roaming time less than 40ms
- Load balance based on the AP cluster
- Built-in captive portal server and customized welcome page
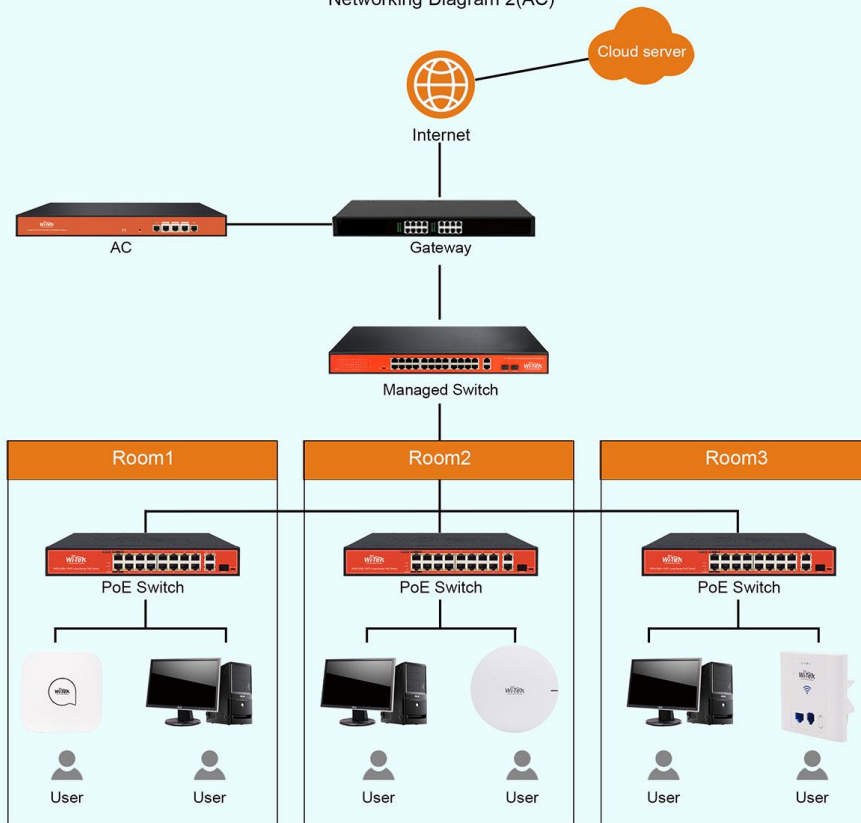- Support Wi-Tek Cloud platform management

Product

Two Ways of Deployment mode

Networking Diagram 1 (AC+Gateway)

Cloud server

Internet

AC+Gateway

Room1	Room2	Room3
PoE Switch	PoE Switch	PoE Switch
User User	User User	User User

Networking Diagram 2(AC)

Cloud server

Internet

AC

Gateway

Managed Switch

Room1	Room2	Room3
PoE Switch	PoE Switch	PoE Switch
User User	User User	User User

Wi-Tek's WI-AC150 AP controller is design to provide network solution for luxury hotel, resort, large enterprise, shopping mall chain etc premise. Adopt of powerful CPU to deliver 1Gbps high capacity forwarding and 150 APs management capacity. Also abundant AP management features including concentrate forwarding and distribute forwarding, AP group Setting, WLAN Radio Spectrum Analysis, map plan. auto channel and power assignment, user load balance, Built-in captive portal server enable it to deliver Wi-Fi Marketing features including customized welcome page and redirect page,2000 users authentication system, connected device type and user statistic.

Otherwise AC150 can manage AP and AP controller deployed in multi branch or location remotely . All these features help the administrator to install, manage and monitor APs at a single location. And WI-AC150 also can work as 4 WAN(choose from 1-4 WAN)port load balance for SMB application.

Specification

HARDWARE FEATURES	
Processor	Dual-core MIPS1074K CPU up to 1GHz
Memory	4Gbit RAM 1Gbit Flash

Interface	5X100/1000BASE-TX Ethernet Interface
Power Consumption	25W
Power	AC 100-240V

SOFTWARE FEATURES

Maximum Managed Aps	150

Maximum Clients	2000	
802.11 Protocol Family	Support	
Users Online Checking	Support	
Wireless Users Isolation based on SSID	Support	
Wireless Users L2 Isolation	Support	
Automatic Channel Adjustment	Support	
Access Limit	Support	
AP Reboot Control	Support	
Set up Wireless AP RF Parameter Via AC	Support	

QVLAN & SSID Binding	Support
Hotspot Authenticati on	Support Facebook, Voucher, PPPoE, Radius, LADP, SMS, One-Key
VPN Server	Support PPTP and L2TP
Passenger Flow Statistics and Analysis	Support
Managemen t Type	WEB Unified Management and Cloud Management

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