Air Pro®

Simple | Secure | Trusted

Wireless LAN Controller

PRODUCT OVERVIEW

AP-WLC2000 is a small-scale enterprise gateway with Gigabit WAN ports up to 4 and 1Gigabit LAN port, Gigabit transfer improved the Ethernet speed and increased the concurrent end users to 200; It can access into cloud server for remote management and multiple captive portal authentication such as SMS, Facebook, Google, member login method, to apply this device into shopping mall, restaurant for advertisement.

Besides that, WLC2000 is an AC controller to manage, configure and monitor 100 wireless access points simultaneous, very easy to set up this desktop class AC controller.

KEY FEATURES AND HIGHLIGHTS

A. Multi Gigabit WAN with load balance function

WLC2000 support PPPoE/DHCP/Static IP, work with different ISP and max 150 end users can access into it. with multiple Gigabit WAN ports up to 4 in hardware, then load balance function for this WAN Ethernet to avoid bandwidth overload, or recover the dropped networking line to ensure the whole networking smoothly; Besides that, it support Ethernet Line backup function to keep Ethernet in working status all the time; Support Ethernet superimposed based on multi-WAN.

B. Flow Control function (QoS)

Based on the IEEE 802.11e standard, it provides Quality of Service(QoS) features to end users according to IP/MAC address;Besides that, it can control the flow after set priority for instant messaging service, download, video or office.

C. Access into Cloud Server for Remote Management, Captive Portal authentication, advertisement and accounting functions

WLC2000 can access into cloud server when work as gateway for remote management and captive portal: Through cloud server, administrator easy to reset/reboot/delete WLC2000 or the connected wireless AP remotely, then track/collect the end user's information for second sale. It is easy for administrator to promote the advertisement to end users based on captive portal like SMS authentication, Facebook/Google/member authentication; Or collect the Ethernet cost after set up a stable public Wi-Fi.

D. Multi firewall and simple behavior functions

WLC2000 support port forwarding, URL Filter, IP Filter, MAC Filter, DMZ, DDNS functions to protect the networking safety, besides that, it support behavior based on IP group and time group to improve the performance and bandwidth efficiency.

Wireless AP Management functions:

Assign IP address for wireless AP to avoid IP address conflict and easy management. Mark Wireless AP's location and name to examine networking problem faster;Add Zero Config group before power on wireless AP, then wireless AP will get this group's SSID, password channel, bandwidth, and RF power and so on without any config; Or config Wireless AP's SSID, password, tag VLAN, channel, end users QTY, client isolation… One by one or in group based on requirement. Firmware upgrade, Reset/reboot/delete/back up wireless AP in batch or one by one based on web management or cloud management.

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PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AP-WLC2000
Manageable AP	Upto 200
CPU	RTL8198C
FLAH	128M
DDR3	512M
Interface	1*10/100/1000M Gigabit WAN Port, 4*10/100/1000M Gigabit LAN Ports in default;
	Multi WAN up to 4 if required
	1 Reset Button
Dimension	294mm X 180mm X 44mm
Power	100-240V ~ 50/60Hz
Power consumption	<10W
Weight	<1.5KGS
Working Temperature	-10°C~ 50°C
Working Humanity	10% ~ 90%RH (No condensation)
Storage Temperature	-40°C~ 70°C
Storage Humanity	5% ~ 90%RH (No condensation)

Working diagram as AC Controller
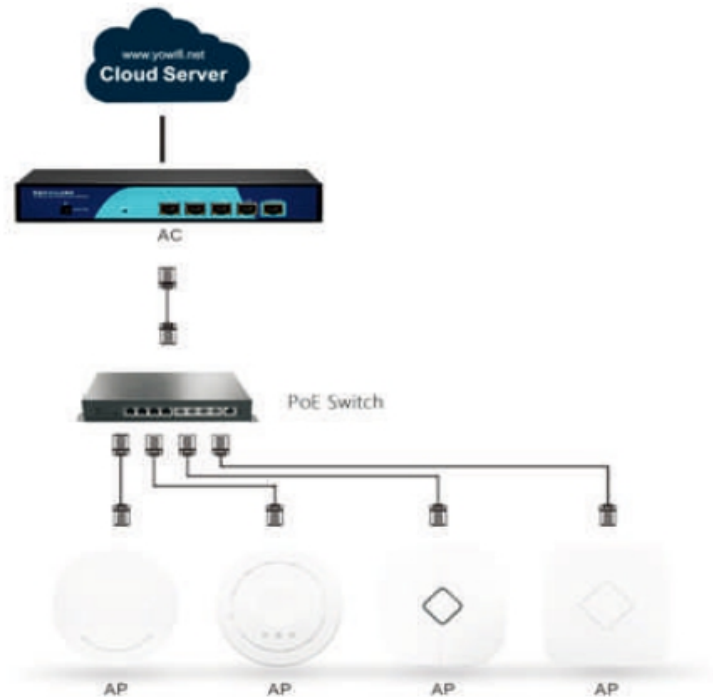
Working diagram as Gateway and AC Controller

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