



PERFORMANCE

AP Management

224 indoor/outdoor APs or 448 wall plate APs per unit
2,048 APs per cluster

Maximum Number of Clients

6400

802.11 Performance

8Gbps

Maximum Built-in Portal Clients

1500

ACL

64K

Number of Wireless Users

6400

MAC Address Table

16K

Local Authentication

300 wireless clients

ARP Table

12K

IPv6 Neighbor Table

10K

Inter-AC Roaming Switch Time

≤50ms

CONFIGURATION

LAN

802.1Q VLAN

Support

QinQ

N/A

ACL

Standard IP ACL, Extended IP ACL, MAC-extended ACL, Expert ACL

QoS

N/A

WLAN

LAN Protocols

ARP, VLAN, 802.1p, 802.1q, 802.1d, 802.1w, 802.1s

WLAN Protocols

802.11, 802.11b, 802.11a, 802.11g, 802.11d, 802.11h, 802.11w, 802.11k, 802.11r, 802.11i, 802.11e, 802.11n, 802.11ac, 802.11ax

Roaming

Intra-AC roaming, Inter-AC roaming

Forwarding

Local forwarding, Centralized forwarding

Wireless QoS

AP-based bandwidth control, WLAN-based bandwidth control, User-based static and smart speed control, Fair balancing

User Isolation

AC-based user isolation
AP-based user isolation
WLAN-based user isolation

Reliability

Fast switching between 2 ACs, Multiple ACs redundancy (1:1 A/A and A/S, N:1), Multiple ACs clustering (N:N), Remote Intelligent Perception Technology (RIPT), Service upgrade

STA Management

AP-based STA access control, SSID-based STA access control, AP-based load balancing, AP traffic-based load balancing, 5G priority access, RSSI threshold

STA RSSI Threshold

0~100

STA Idle Timeout

60~86,400 seconds

STA Average Data Rate Threshold

8~819,200 with the accuracy of 8Kbps

Adjusting Transmit Power of Beacon and Probe Response

Support

Offline Syslog

Support

SECURITY

IPv4/v6 Security

Web authentication, 802.1x authentication (EAP-PEAP, EAP-SIM, EAP-MD5, EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, EAP-FAST, EAP-AKA), MAC address authentication

PPSK

Support

Virtual AP

Support

Virtual AC

Support

802.11 Security and Encryption

Multiple SSIDs, SSID hiding, 802.11i-compliant PSK authentication, WPA and WPA2, WEP (WEP/ WEP128), WAPI, TKIP, CCMP, Protection against ARP spoofing

AAA

IEEE 802.1x

CPP

Support

NFPP

Support

WIDS/WIPS

Support

INTERNET PROTOCOLS

IPv4 Protocols

DNSv6 Client, DHCPv6 Relay, DHCPv6 Server, TFTPv6 Client, FTPv6 Server, FTPv6 Client, IPv6 CAPWAP, ICMPv6, IPv6 Ping, IPv6 Traceroute, Manual tunnel, automatic tunnel Manual configuration address, automatic local address

IPv4 Routing

Static routing, OSPF

IPv4 Routing Table Capacity

8K

IPv4 Static Routing Table Capacity

1K

IPv6 Routing Table Capacity

1K

IPv6 Static Routing Table Capacity

1K

AC 1LA SPECIFICATION

MANAGEMENT

Network Management

SNMP v1/v2c/v3, Web management, Syslog

User Access Management

Login via console port Login via Telnet
Login via SSH Upload to FTP

HARDWARE

Interfaces

- 6 x RJ45 1000BASE-T 1Gbps copper ports
- 2 x RJ45 1000BASE -T / 1000BASE-X SFP
1Gbps copper / fiber ports (combo)
- 2 x USB ports
- 1 x Console port (RS-232)

Power Supply

Fixed power supply 100~240V, 50~60Hz

Power Consumption

Consumption <40W

Mounting

19-inch rack format (1U)

Dimensions

440mm x 200mm x 43.6mm (short depth)

Weight

2Kg

Operating Temperature

0°C~45°C

Storage Temperature

-40°C~70°C

Operating Humidity

10%~90% RH (non-condensing)

Storage Humidity

5%~95% RH (non-condensing)

Operating Altitude

0~3000m

MTBF

250,000 hours

CERTIFICATIONS

EMC

GB9254, EN301 489

Security Standard

GB4943, EN/IEC60950-1