



Enterprise Grade WAN Router  
**4 × 10/100/1000Mbps LAN ports**

AP-LB1000

## Quick Overview

AP-LB1000 is a Enterprise grade dual wan router. Support Load Balance, Ethernet backup and Ethernet Superimposed, multi-ISP access. Support DHCP, policy routing and VPN, together with Smart flow control, abundant security, varied user management and multiple authentication function, it consistent to provide high efficiency and professional network connectivity for hotel, enterprise, Internet cafe, and shopping mall. What's more, it can manage the wireless access point fast and stable in central and remote, provide whole wireless coverage solution, cost saved and convenient.

## Features

### A. Multiple Gigabit WAN and multiple routing functions:-

AP-LB1000 support PPPoE/DHCP/Static IP access, work with different ISP.

Support multiple Gigabit WAN ports, support load balance, Ethernet Superimposed and multiple ISP network access to avoid bandwidth overload, then support Ethernet backup to recover the dropped networking line, ensure the whole networking smoothly;

It support policy-based routing function also, administrator will set the network based on IP/MAC/Domain/Interface policies.

### B. Smart QoS :-

AC-LB1000 support smart QoS based on ports, individual users, user groups and user applications. Allow bandwidth reservation and dispatch by tunnel or by application.

It provide a variety of functions including multiple queuing mechanisms (priority queuing, low latency queuing, custom queuing, weighted queuing), congestion avoidance, traffic policing, traffic shaping and priority marking, ensuring different service for different users and applications.

### C. Abundant security mechanism:-

AP-LB1000 support a variety of security mechanism, like TCP/UDP/ICMP Flooding, IP/MAC/URL/Web filtering functions, Ping of Death and other related threats, extend protection to every port of the router and enable the ports to provide DoS/DDoS attack protection, traffic monitoring, Uniform Resource Locator (URL) filtering, and application layer filtering.

What's more, it supports user management and password protection. Users of different levels are assigned with different configuration authorities.

### D. Remote Maintenance, Auto firmware upgrade:-

Administrator can access into AP1-LB1000 management interface page remotely at home, to manage and maintenance the wireless access point, keep the whole network stable in economic way. AP-LB1000 can automatically to upgrade the new released firmware, zero steps to recovery the system problem.

### F. Others:-

AP-LB1000 support VPN dial up, DNS Proxy, IP address translation, user behavior management, make it more professional in Enterprise.

### E. AC management for wireless AP:-

Assign IP address for Wireless AP: Build in DHCP Server, it can assign the IP address for wireless AP automatically when AP online.

Group or Single Configure: AP-LB1000 auto detect the wireless AP, support group or single configuration, central to manage the SSID password, mode, channel, RF power, coverage threshold; Then reboot, reset or upgrade firmware remotely to complete the maintenance.

## TECHNICAL SPECIFICATIONS

HARDWARE FEATURES	
Model	AP-LB1000
Protocol	IEEE 802.3, 802.3u, 802.3ab TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DDNS, IPsec, PPTP, L2TP, CAPWAP Protocol
CPU	MT7621
DDR	256M
Flash	16M
Heat Dissipate	Natural heat dissipation
Ports	4 × 10/100/1000Mbps LAN ports (can set to WAN port) 1 × 10/100/1000Mbps WAN port
Power	AC:100-240V,50HZ
Dimension	277.8 *180 *37.7mm
Working Temperature	-20°C~55°C
Storage Temperature	-40°C ~ 70°C
Working Humidity	5% ~ 97%RH (No condensation)
Firmware features	
AP Management	Max to access and manage 64 users Max to manage 32PCS wireless AP Centrally and remotely to manage/configure wireless AP View user's status
Smart Flow Control	One click smart flow control Powerful multiline diversion Application Priority Automatically
Load Balance	Multiple WAN, multiple ISP network access Intelligence load balance Ethernet line backup Ethernet Superimposed Policy routing: based on IP address, destination IP address, source MAC address, network port, domain, destination port, Extranet port, Identity binding Protocol binding
Routing	Static Routing
Behavior Management	All-round to block P2P firmware P2P flow control and bandwidth allot File and URL filter Monitor network behavior at all times
Bandwidth limitation	IP-based bandwidth limitation Safeguard / Restrict bandwidth Time strategy IP based session restriction
Security Center	MAC address filter UPR/key words filter Web content filter IP address filter Port mapping DMZ
Defense Center	TCP/UDP/ICMP flood defense Block TCP scanning Block ping WAN port
ARP Detection	Send GARP packets ARP Scanning on WAN/LAN port Online detection IP-MAC binding
Authentication	PPPoE authentication WEB password authentication, One-time password authentication Radius authentication: work with the 3rd party radius server
Management	Web/CLI/Telnet management Remote management
Others	DDNS, VPN management
Content	AP-LB1000 Power Cable *1 Installation Accessory QIG*1



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