

M80

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Product Description

M80 is a Gigabit enterprise router designed by IP-COM for high requirement users, such as enterprises, hotels, and community bandwidth operations. M80 uses a dual core 1.4GHz network special processor, equipped with the professional design of DDR3 high speed memory. The equipment adopts IP-COM enterprise system firmware and built-in intelligent AP management system, which can automatically distribute and maintain automatic AP configuration. The device provides WEB account password authentication, WEB key authentication, WeChat WiFi authentication and PPPoE Server access authentication mode, which can meet the access authentication requirements under different scenarios. In addition, it also supports multiple WAN bandwidth superposition and load balancing, behavior management, VPN, intelligent bandwidth control, USB file sharing and many other enterprise functions.



Key Features

- * ARM dual core 1.4GHz network processor, The maximum users can be 300
- * 5*10\100\1000Mbps network port, 1*USB interface
- * It can manage IP-COM all AP, support maximum management 100APs, support configuration automation
- * Built-in WEB single key authentication, WEB account password authentication, WeChat authentication, SMS authentication and other authentication methods
- * Support QVLAN, maximum configurable 15 QVLAN

Product Features

Intelligent AP management system

Built in AP management system, support maximum management 100APs, can manage all IP-COM AP models. It supports AP wireless configuration and automatic download. When new AP join, replace AP and modify AP configuration in the network, the system will automatically send out wireless configuration to achieve intelligent AP management without maintenance.

Multiple access authentication methods

Built-in multi authentication management system, support WEB single key authentication, WEB account password authentication, WeChat authentication, PPPoE Server authentication method.

WEB quick authentication: Based on the Portal authentication method, the Portal can be customized to push the page, the user does not need the account password to access the Internet.

WEB account password authentication: Based on the Portal authentication method to define Portal push page, users need to use the account password verifier to access the Internet.

WeChat certification: Based on the local WeChat authentication method, can customize Portal push page, can realize the WeChat public number concern.

PPPoE Server certification: PPPoE dial way based on the needs of users through the Internet assigned by the administrator account password dialing.

SMS authentication: Based on the authentication of SMS authentication code, users need to use the cell phone number and SMS authentication code to surf the Internet.

Intelligent bandwidth management

Smart bandwidth management: Intelligent bandwidth management does not need to set up the upper limit bandwidth, it only needs to fill in the actual access bandwidth. The router will enter the intelligent bandwidth management according to the bandwidth utilization rate. When bandwidth is idle, single users are allowed to preempt bandwidth, and when bandwidth is busy, a more stringent bandwidth control is carried out.

Custom bandwidth management: Custom bandwidth management needs to set the upper limit bandwidth of a single host, and the device will carry out strict bandwidth control.

QVLAN

Supports network partition based on QVLAN, and can set different DHCP address pool allocation based on different QVLAN groups to realize network partition. At the same time, WEB authentication and WeChat WiFi authentication can be implemented on the basis of QVLAN authentication strategy.

More practical functions

VPN: Supporting IPsec, PPTP, and L2TP VPN can quickly create a VPN network to facilitate access to headquarters resources by companies and other business travelers.

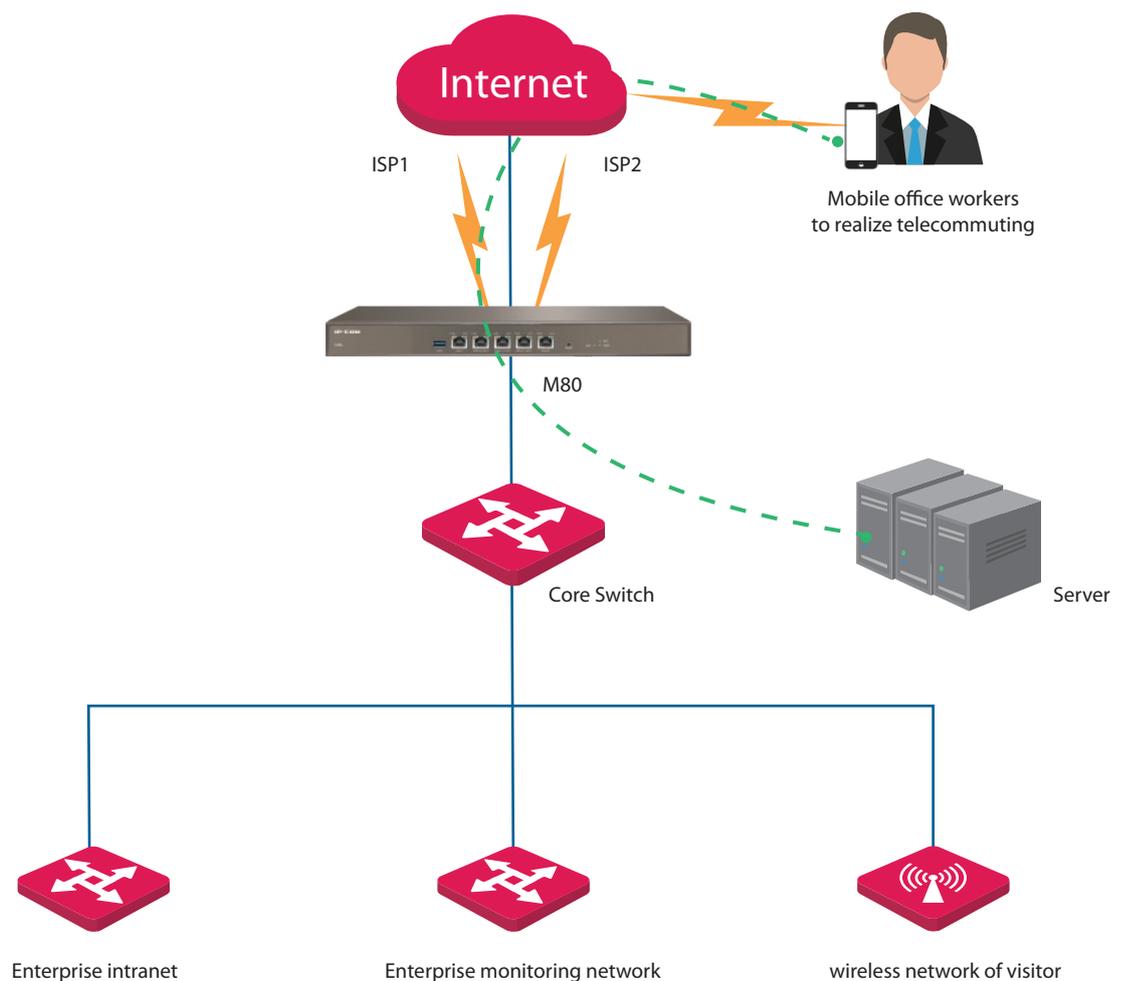
Multi WAN superposition: Support 4 operator network access simultaneously.

USB file sharing: Support USB file sharing, can simply set up enterprise shared file server.

Hotel mode: All the hosts in the LAN can configure any IP address to access the Internet.

Application Scenarios

M80 is the enterprise class Gigabit router of IP-COM designed for businesses, hotels, residential high bandwidth operation of users and design, provide 300 people using simultaneously; support LAN port QVLAN divide, different networks are connected to different network under different VLAN, effectively managing the network at the same time preventing the broadcast storm. Support IPSec/L2TP VPN, the maximum 32 of concurrency tunnels. Ensuring the security of communication data between enterprises and branches through a variety of encryption protocols, at the same time, it is convenient for mobile office workers to realize telecommuting easily. It provides multi WAN load balancing and traffic control, and effectively uses network bandwidth.



Product Specifications

Hardware Parameters	
CPU	ARM Double core 1.4GHz
RAM	4Gb
Flash	1Gb
Ports	5*GE(Max 4 WAN, Max 4 LAN);1*USB
Dimensions	440*285*44(mm)(LxWxH)
Product Certification	CCC
Power	Build-in power switch
Environment	Working Temperature:0~40°C Storage Temperature:-40~70°C Working Humidity:10%~90%RH Storage Temperature:5%~90%RH
Software Parameters	
Working Model	Router Model
AC Function	Manage all AP of IP-COM
Behavior Management	Base on URL, Base on IP/MAC address
Access Authentication	WEB authentication, WeChat authentication, PPPoE server authentication
Network Speed Control	Intelligent Control, Custom Control
VPN	PPTP, L2TP, IPSEC
Virtual Server	DMZ, Port mapping, DDNS, UPNP
USB Application	USB File sharing
Security Setting	IP-MAC Binding, attack defense
Static Router	Supports
LAN Port VLAN	Supports QVLAN
iCloud	Online upgrade of system software
System Tools	Timing reboot, Feature library upgrade, Collocation back-up/recovery
System State	User View, Traffic statistic, System log
Performance Parameters	
Maximum number of User	300
AP Management	Maximum number of 100 Aps
Web User	500
PPPoE User	400
VPN User	32
QVLAN	15



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