

# M50

## Multi-WAN Hotspot Router

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### Product Introduction

IP-COM Multi-WAN Hotspot Router M50 is designed for small- and medium-sized enterprises to implement intelligent network access and management. It offers an AP management system and a multi-authentication management system, and supports various enterprise-oriented functions including filter management, intelligent bandwidth management, PPTP/L2TP/IPSec VPN, and multi-WAN.



Concurrent users 100



AP controller 8 APs



5 ports



4 WAN

Up to 4 WAN ports



Captive Portal/PPPoE Server



Smart bandwidth control

## Key Features

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- Multi WAN Load Balance
- Captive Portal/PPPoE Server
- Smart bandwidth control
- PPTP/L2TP/IPSec Server
- Built-in AP Controller

## Product Features

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### Multi WAN Load Balance

M50 supports 4 WAN ports. It can realize bandwidth averaging between two WAN ports base IP Group. Also it reserve the possibility of bandwidth expansion in the future.

### Captive portal and PPPoE server

M50 integrates with captive portal service. A landing page will pop-up when mobile device connect to wifi network. Once username and password is provided, the user will be able to access Internet.

### Smart Bandwidth Control

M50 features with smart bandwidth management. It will adjust each user's download and upload bandwidth automatically according to all users bandwidth usage to avoid bandwidth insufficient.

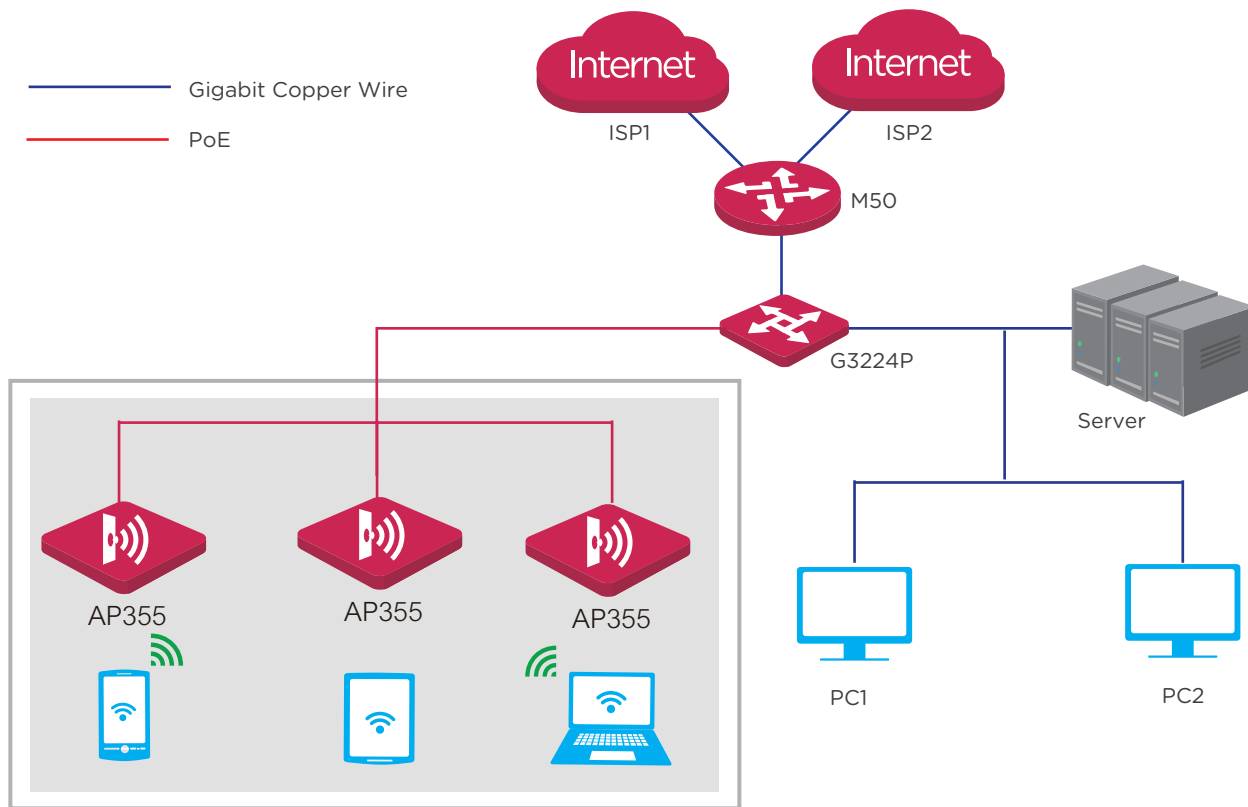
### PPTP/L2TP/IPSec Server

M50 supports multiple VPN protocols including IPsec, PPTP and L2TP in Client/Server mode. It is easily to setup a secure data link between branch and headquarter through LAN-to-LAN/Client-to-LAN mode.

### Built-in AP Controller

M50 intergrates with AP controller to manage all IP-COM indoor access point. It will discover AP automatically when AP connect into network. You can edit AP's deployment location, SSID, Security, Output power, client limitation for SSID, Schedule Reboot etc function on the WEB UI at a single location.

## Application Scenarios



## Related Products



AP355

- Dual concurrent 2.4Ghz 802.11n/g/b and 5Ghz 802.11ac/n/a radios.
- Up to 1200 Mbps combined data rate.
- Support 802.3at PoE standard.
- Deployed with IP-COM access controllers, support captive Portal, etc.



G3224P

- 24 10/100/1000 Base-T Ethernet ports and 4 extra independent 1000Base-X Gigabit SFP ports.
- Ports 1-24 support IEEE 802.3af/at PoE standard; up to 30W power output per PoE port .
- Allows and assures packets to be forwarded by all ports at full wire speed.
- Supports VLAN, IGMP, QoS, DHCP Snooping, Telnet, etc.

## Product Specifications

### Hardware Specifications

Dimension	294*178.8*44(mm)
CPU	800MHz Dual core
RAM	512MB
FLASH	128MB
Interfaces	5*GE(1-4 WAN/ 4-1 LAN) 1*RJ45 Console
Power	100-240V 0.7A 50/60Hz

### Software Specifications

Max user capacity	100
Max New sessions	3900
Max Concurrent Sessions	55000
MAX AP Manage number	16APs
Internet Connection Type	PPPoE/DHCP/Static IP
Authrization Service	Captive Portal, PPPoE
Captive Portal	300 Portal Accounts Customize E-bulletin
PPPoE Server	100 PPPoE Accounts Customize E-bulletin
Bandwidth Control	Smart Bandwith Control Manual Definition
Internet Access Control	IP/mac/URL Filter
VPN Protocal	PPTP、L2TP、IPSEC
Bandwidth Control	Port Forwarding DMZ
Security Setting	IP-MAC Binding ARP Attack Protection
DDNS	Dyndns/No-Ip
UPNP	Support
Firmware Upgrade	Local firmware update Online Firmware update
System Tool	Schedule Reboot Restore or Backup Configuration User Statistics
Network Status View	Traffic Statistics System Log

**IP-COM**  
World Wide Wireless

**IP-COM NETWORKS CO.,LTD.**

Tower E3, No.1001, Zhongshanyuan Road,  
Nanshan District, Shenzhen, China. 518052  
Service: [info@ip-com.com.cn](mailto:info@ip-com.com.cn)  
Inquiry: [marketing@ip-com.com.cn](mailto:marketing@ip-com.com.cn)  
Tel: +86-755-27653089

