

Mobile IP Roaming Gateway for Wireless MESH Network



The MAP-2105 is a mobile IP roaming gateway which is specifically designed for PLANET wireless mesh network. It offers the full “mobility” to all users. Not like the layer-2 only capability in ordinary AP, the “mobility” defined in MAP-2105 is the ability of a user to change its attached node from one mesh AP to another while maintaining all existing communications and using the same IP address at this new link. Remote printing, remote login, VoIP sessions, and file transfers are some examples of applications whose communications are undesirable to interrupt when a mobile user moves from node to node.

The MAP-2105 is equipped with a WAN interface for Internet connection. The communication between the MAP-2105 and the wireless mesh network is secured via a VPN connection. For management purpose, the MAP-2105 supports SSL web configuration. Moreover, a utility for MAP-2105 based on SNMP protocol is also provided and can be installed in a Windows-based computer for administration.

KEY FEATURE

- Provides Mobile IP capability for all wireless clients in the MESH network
- Secure HTTP management
- Supports VPN client
- Optimized for up to 500 mobile users

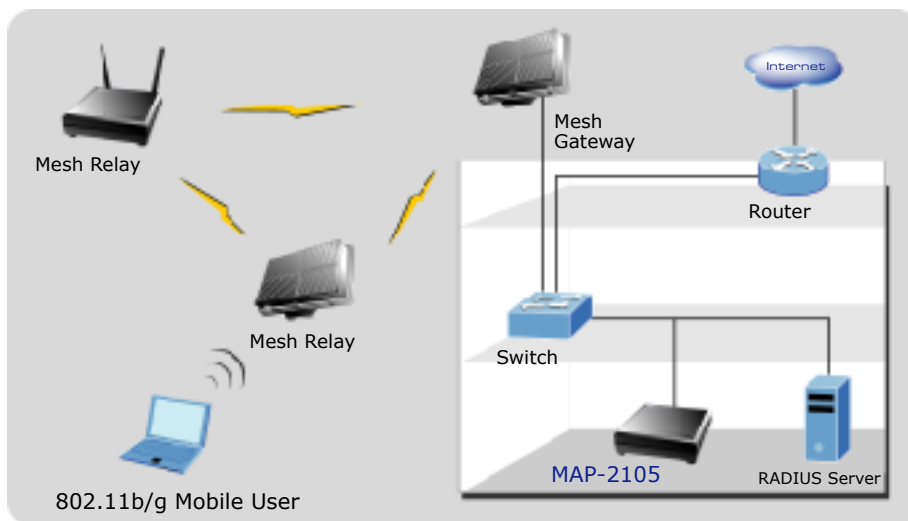
SPECIFICATION

Product **Mobile IP Roaming Gateway for Wireless MESH Network**

Model	MAP-2105
Ethernet Standard	IEEE 802.3, IEEE 802.3u
WAN Connector	1 x RJ-45 Port 10/100Base-TX, auto-negotiation
Device Management Method	HTTPS Windows Management Utility
WAN Connection Type	Fixed IP DHCP client
Supported User	500 users maximum
Hardware	
Dimension	135 x 127 x 37 mm
Weight	300 g
Power Requirement	12V DC, 1A
Environmental Specification	Operating Temperature: 0 ~ 50 Degree C Storage Temperature: -10 ~ 70 Degree C Relative Humidity: 0 ~ 90% non-condensing
Regulatory Compliance	FCC, CE

APPLICATIONS
Wireless MESH Network with Full Mobility

The MAP-2105 is a mobile IP server. It stores and catches the IP addresses of wireless clients. Therefore, the mobile stations can keep their IP sessions while migrating within the mesh network and work transparently to the users' experiences.


ORDERING INFORMATION

MAP-2105 Mobile IP Roaming Gateway for Wireless MESH Network