WaveGATE 54M

Code: 8E4180

DESCRIPTION

WaveGATE 54M, faster and secure Wireless connection.

With a sole device of small size dimensions you can carry out a faster wireless network, protecting your PCs with the built-in firewall functions.

WaveGATE 54M is a latest generation Access Point.

Using the new standard 802.11g, the wireless networks does not have any band problems, even when sending large size files.
The communications with the wired LAN are excellent even if the number of wireless clients increases.
Further advantages can come from better performances as for the distance and from a better coverage in environments with physical obstacles.

The new standard is perfectly compliant with the most popular 802.11b at 11 Mbps to save the previuos investments.

It concentrates the communications of the Wireless clients and acts as a Gateway towards the wired LAN, WaveGATE is in the center of the Wireless communications.
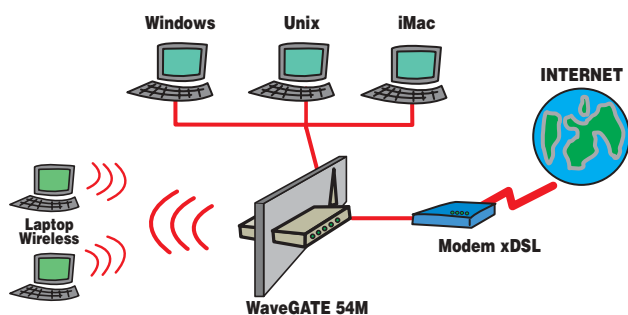
All the PCs of the LAN, both wired and wireless, will be able to communicate, transfer data and documents, share resources, peripherals and Internet access.

Wireless Features
- Access Point mode support
- IEEE 802.11g 2.4 GHz, IEEE 802.11b 2.4 GHz Wireless technology
- Frequency band 2400-2497 MHz
- Wireless communication speed: 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps
- Roaming standard 802.11
- 64 and 128 bit WEP encryption, WPA-PSK, TKIP
- DSSS Direct Sequence Spread Spectrum modulation
- 2 dBi external antenna
- DHCP Server/Client
- Wi-Fi and Airport® interoperable

Gateway/Firewall Features
- Built-in 4 ports autosensing Switch
- Firewall Stateful Packet Inspection
- 1 WAN port 10/100 Mbps
- Supported protocols: NAT, PPPoE, HTTP, DHCP, TCP/IP, UDP, PAP, CHAP, RIP1, DDNS
- DHCP Server and Client
- NAT and NAPT
- VPN Passthrough PPTP, IPSec, L2TP
- Firewall security functions: Attack Alert (Email) log, Stateful Packet Inspection, DoS (Denial of Service), URL filter, Access Control
- Local and remote Configuration and Management with password
- IPnP support (Universal Plug & Play)
- Http, TFTP firmware upgradable

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Thanks to the Roaming function the Wireless stations can be moved inside a covered area with multiple Access Point connected in Ethernet, without interruption of the connection.

WaveGATE 54M is easy to configure, using a local or remote Browser with access protected by password. The DHCP Client functionality allows the transparent integration of the wireless network in an organized structure of addressing, while in DHCP Server mode the Access Point itself will assign the IP addresses to the PCs requesting them.

An omnidirectional or directive antenna can be used to solve the coverage or distance problems when necessary.
The WEP protocol at 64 and 128 bit, the WPA-PSK and TKIP encryption guarantee the security of your data.

WaveGATE 54M is Gateway with built-in Firewall.
The growing spread of Broadband lines makes the ADSL (or xDSL) Internet access the cheapest and most attractive solution.
WaveGATE 54M uses an existing xDSL connection to supply the Internet access to all the Pcs of the LAN. It integrates a 4 ports switch to make easier its installation and connection inside the company LAN. For a better management of the LAN it is possible to establish the access permission of the wireless clients, to set the mode and the Internet services for the LAN PCs, creating groups with different permissions.

To be always on-line means to be always connected but also open to multiple attacks of different nature coming from outside.
A network can be attacked to come to the servers to catch, modify or cancel the data. Therefore it is very important and absolutely necessary to protect the own LAN.

Operating Features
- **Led indicators: Power, Status, Link/Act LAN, 100 LAN, WAN, WLAN**
- **Power supply 12V, 800 mA**
- **Operating temperature 0 - 55 °C**
- **Non condensing humidity 10 - 95%**
- **Dimensions 141 x 100 x 27 mm**
- **CE Mark**

WaveGATE 54M has security functions like the detection and block of DoS (Denial of Service) attacks, Stateful Packet Inspection, URL Filtering and Access Control. Furthermore, to guarantee the security and the privacy of the data on the "public" network, WaveGATE 54M supports the VPN (Virtual Private Networks) in Passthrough mode.

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