

WaveGATE

DESCRIPTION

WaveGATE, Wireless Networking with no barriers

Small size and multifunction, WaveGATE is the most suitable solution to carry out Wireless LAN for offices or at home.

WaveGATE is Access Point

WaveGATE is in the center of the Wireless communications, concentrating the communications of the Wireless Clients and as Gateway to the wired LAN.

All the PCs in the LAN, both wired and wireless, will be able to communicate among them, exchanging data and documents, to share resources, peripherals and Internet access.

Thanks to the Roaming function, WaveGATE allows the complete mobility of the Wireless stations inside a covered area with multiple Access Points, connected via Ethernet, without interruption of the connection.

WaveGATE is Bridge

No more problems in taking the wired LAN where it is not possible to arrive with the UTP cables. For example consider two buildings inside an industrial area or two points far from each other in the same building. Using the Wireless technology it is possible now to take the LAN where unreachable before. Both the Point-to-Point Bridge mode (two LANs) and Multipoint mode are supported (three or more LANs).

WaveGATE is Wireless Client Ethernet

When it is not possible to integrate embedded equipments, Linux box or other computers in a Wireless LAN, due to a particular operating system or for the missing PCMCIA or USB slots, WaveGATE transforms in WCE mode (Wireless Client Ethernet): it becomes a Wireless Ethernet card; it is sufficient that the host has an Ethernet port.

WaveGATE is easy to configure, via LAN or Wireless network or through a proper Windows® utility.



Code: 8E4134

- 1 Ethernet port 10BaseT
- Access Point mode, Wireless Bridge (PP & MP) mode and Ethernet Client mode supported
- IEEE 802.11b 2.4 GHz, 12 channels Wireless Technology
- Frequency range 2400 - 2497 MHz
- Wireless operating speed: Automatic, 11Mbit/s, 5.5Mbit/s, 2Mbit/s, 1Mbit/s
- Closed space area coverage (depending on building structure): 25m @ 11 Mbit/s, 100-300m @ 5.5/2/1 Mbit/s
- Minimum reception sensitivity (typical): -84dBm to 11Mbit/s, -90dBm to 2Mbit/s
- Roaming standard 802.11
- WEP data cryptography 64bit and 128bit
- DSSS Direct Sequence Spread Spectrum configuration
- External antenna
- Led indicators: Power, LAN, Wireless, Activity
- Flash upgradable
- SNMP and DHCP Client support
- Wi-Fi and Airport® interoperable
- Power Supply 5Vdc. 1.0A
- Operating temperature: 0-55°C
- Humidity: 10-95% non condensing
- Size: 140 x 89 x 29 mm
- CE Mark

The supported DHCP Client functionality allows the transparent integration of the Wireless LAN into a structure of organized addresses. The use of external antennas allows to optimize the radio coverage.

Discover the convenience of a Wireless solution!

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For further information: international@digicom.it or <http://www.digicom.it>

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