



SpeedTouch™ 510(i) v4 Multi-user ADSL gateway

Rapid access for all

Using the Internet can be frustrating if you have a slow response time, especially when you have several PCs connecting simultaneously. But not anymore. Surfing takes on a whole new dimension with the SpeedTouch 510 – and with the SpeedTouch 510i designed specially for ADSL over ISDN. Powerful tools for residential users, the new SpeedTouch 510 and 510i are also perfect for small and home offices (SOHO): they're the ideal solution for multi-PC users, regardless of configuration or location. If you're looking for a bandwidth builder, take a closer look at the SpeedTouch 510/510i.

Easy installation

With the SpeedTouch 510/510i, a new standard has been set, it installs with unprecedented ease.

You're only five clicks away from the Internet. Just connect your PC, laptop, or local area network to the modem over an Ethernet interface and you are ready to go. An advanced setup wizard guides you through the installation process.

As the gateway comes with an integrated PPP-client, no additional software needs to be installed on the PC.

Home networking

This gateway is the ideal solution for residential users and for small and home offices where there is an urgent need to share ADSL access, along with family members or colleagues.

Residential users will especially appreciate the fact that PCs, game consoles, PDAs and other devices can instantly connect to the Internet through a single high-speed ADSL point of access.

Connecting your LAN to the Internet is a snap thanks to an integrated 4-port Ethernet switch that allows you to connect four PCs directly, without requiring an extra hub.

Security

This ADSL residential gateway has a built-in firewall that denies unauthorized access to all PCs and Internet devices hooked up to the user's broadband ADSL connection.

This powerful firewall can be configured by end-users, equipment retailers or service providers for a broad range of security policies and requirements.

Attacks are stopped in the gateway and will not reach the devices. With the SpeedTouch 510/510i, you'll be secure 24/7.



Built for excellence

speedtouch™
ALCATEL



SpeedTouch 510(i) v4

Multi-user ADSL gateway

Technical summary

Hardware specifications

- Interfaces:
 - LAN:
 - 10/100Base-T (RJ-45)
 - either 1 Ethernet port or a 4-port Ethernet switch
 - WAN:
 - ADSL line (RJ-11) for ADSL/POTS or ADSL/ISDN
- Dimensions: 33 x 153 x 180 mm (1.30 x 6.02 x 7.09 in.)
- Temperature: 0° to 40° C (32 to 105 F)
- Humidity: 20% to 80%
- AC voltage: 100 to 120, 220 to 240 V AC
- Frequency: 50/60 Hz

ADSL modem specifications

- ADSL (ANSI, ETSI, G.dmt for POTS and ISDN, G.lite and G.hs (automode and selection))
- Up to 8 Mb/s downstream, 832 Kb/s upstream

Package content

- 1 SpeedTouch 510 or 510i
- Power unit and cables (ADSL & Ethernet)
- SpeedTouch set-up CD-ROM with wizard and user's guide
- Quick installation guide
- In-line filters (optional)

Services

- Bridging
- IP routing
- NAT, DHCP, DNS
- Embedded firewall
- WAN protocol model:
 - Routed PPPoE/PPPoA
 - Relayed PPPoA and DHCP-to-PPP Spoofing
 - Bridged Ethernet/Routed Ethernet
 - Classical IPoA
- UPnP Internet gateway device including NAT traversal

Management

- OS independent
- User friendly web interface
- Telnet access to router
- Software upgradeable

Installation

- Installation wizard (optional)

For more information: www.speedtouch.com

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