

## SpeedTouch™ 546(i)

### Multi-User ADSL Gateway



SpeedTouch 546(i)

### Versatility Made Simple

The SpeedTouch 546(i) provides unmatched peace-of-mind to operators looking to deploy a simple and flexible ADSL gateway without making any compromise on performance and security.

The SpeedTouch 546 and 546i are also perfect for small and home offices (SOHO): they're the ideal solution for multi-PC users, regardless of configuration or location.

It also offers a fast, full-feature routing engine as well as a solid firewall to ensure the best end-user experience.

#### Easy installation

With the SpeedTouch 546(i), a new standard in user-friendliness has been set. When the installation process is started the end-user is only five clicks away from surfing the web. After connecting PC, laptop, or local area network to the modem over the Ethernet, the advanced Setup Wizard will guide the end-user through the installation process.

The Setup Wizard is easily customizable to the look-and-feel and the network parameters of the service provider, offering a seamless end-user experience to their customers.

#### Home networking

This gateway is the ideal solution for residential and SOHO users where there is an urgent need to share ADSL access with other family members or colleagues. Residential users will especially appreciate the fact that PCs, game consoles, PDAs, set top boxes, and other devices can instantly connect to the Internet through a single high-speed ADSL point of access.

#### 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. The SpeedTouch 546(i)'s 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 networked devices. With the SpeedTouch 546(i), you'll be secure 24/7.

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### Technical summary

#### ▶ Hardware specifications

- Interfaces:
  - LAN:
    - 10/100Base-T (RJ45)
    - MDI/MDI-x autosensing
    - 4-port Ethernet switch
  - WAN:
    - ADSL line (RJ11) 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
- Frequency: 50/60 Hz

#### ▶ ADSL modem specifications

- ADSL: G.hs, ANSI, ETSI, G.dmt, G.lite, Annex A, B
- ADSL2: G.dmt2, G.lite2, Annex A, B, L
- ADSL2+: G.dmt2+, Annex A, B, L

#### ▶ Multi-user Router

- ATM-Extensive multi PVC
  - PVC ATM Quality of Service (UBR, CBR, VBR-rt, VBR-nrt)
  - DSLForum TR-37 autoconfiguration
- IP Quality of Service (DIFFSERV)
- Bridging
  - self learning bridge at wire speed
- IP Routing
  - UPnP certified Internet Gateway Device, enabling major conferencing and gaming technologies
  - IPsec passthrough from multiple LAN clients, enabling secure homeworking
  - Supports PPPoE, PPPoA, IPoA, CIP, ETHoA-DNS server and relay, DHCP server and relay
  - Network Address Translation for connection sharing, including support for SIP, H.323, Realaudio, ftp, irc, IKE, IPsec-ESP, Jabber, ILS,...
  - Simultaneous bridging and routing of PPPoE connections, enabling network based VPN's

#### ▶ Management

- OS independent on the Ethernet interface
- Easy set-up wizard
- Advanced Management via telnet, http, snmp, event log
- Integrated firewall
- Easy SW upgrade wizard
- Support for Dr SpeedTouch

#### ▶ Content of the box

- SpeedTouch 546 or 546i
- Ethernet cable (RJ45)
- Telephone cable (RJ11)
- Cable filter (optional)
- Power adapter
- Quick installation guide
- SpeedTouch set-up CD-ROM



#### ▶ For more information: [www.speedtouch.com](http://www.speedtouch.com)

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