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THOMSON ST510v6
Multi-User ADSL2+ Gateway

Data | Voice | Video

▌ 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 ST510. As powerful tool for residential users, the new ST510 is also perfect for small and home offices (SOHO): 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 ST510.

▌ Easy Installation

With the ST510, a new standard has been set in convenience and ease of installation.

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 computer.

▌ Home Networking

This gateway is the ideal solution for residential users and for small and home offices where there is a pressing need to share ADSL access, along with family members or colleagues. Residential users will especially appreciate 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.

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 ST510, you'll be secure 24/7.

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Technical Specifications

| Hardware Specifications

- Interfaces:
  - LAN:
    - 10/100Base-T (RJ45)
    - MDI/MDI-x autosensing
    - 1 Ethernet port
  - WAN:
    - ADSL line (RJ11) for ADSL/POTS
- Dimensions: 30 x 147 x 114mm (1.18 x 5.78 x 4.48 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: ANSI, ETSI, Annex A, B
- ADSL2: Annex A,B,L
- ADSL2+: Annex A, B

| Multi-User Router

- ATM
  - Extensive multi-PVC ATM Quality of Service (UBR, CBR, VBR-rt, VBR-nrt)
  - DSLForum TR-37 autoconfiguration
- 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 VPNs

* UPnP™ is a certification mark of the UPnP™ Implementers Corporation

| Management

- OS independent on the Ethernet interface
- Easy set-up wizard
- Advanced Management via telnet, HTTP, event log
- Integrated firewall
- Easy SW upgrade wizard

| Content of the Box

- ADSL Gateway
- Ethernet cable (RJ45)
- Telephone cable (RJ11)
- Cable filter (optional)
- Power adapter
- Safety leaflet
- CD

ST510v6 back panel

For more information

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