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Access Platform & Gateways

# ST608/ST608WL

## Self-Install (Wireless) ADSL Business Router

# THOMSON



**The ideal companion for branch-offices, teleworkers and call center agents**

### Flexible Solution

Specially designed for SMEs and SOHOs, the ST608(WL) offers plenty of possibilities. With easy installation, an embedded firewall, IP VPN, and remote management, the ST608 (Wireless) is a highly cost-effective and secure option.

The ST608 (WL) Plug and Play router is the ideal solution for connecting branch-offices, teleworkers or Call Center agents to the main office.

### Security

Everyone knows about hackers and the dangers they can pose to businesses. The ST608(WL) has a built-in ICSA-

certified stateful firewall that denies all unauthorized access.

End-users, equipment retailers or ISPs can configure this powerful for a broad range of security policies and requirements. Attacks are stopped in the router and a log of attempted breaches of security is kept for audit purposes. The ST608(WL) keeps you safe from security violations.

Remote sites, teleworkers or call center agents can be securely connected at low cost with IPSec, scalable through Public Key Infrastructure (PKI). When the DSL line fails, connectivity remains assured using the integrated ISDN back-up functionality.



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## Easy Installation

Our ST608(WL) is incredibly easy to install and use.

Thanks to the integrated PPP-client, there is no software to be installed on your PCs.

The setup wizard guides you through the configuration to give you a secure teleworking solution.

Plug the router into an ADSL line and you're ready to connect to your main site.

## Reduced Cost

Operating a helpdesk is a costly business. With the ST608(WL) router, this cost is drastically reduced. Our whole range of DSL routers have been designed to reduce your Total Cost of Ownership (TCO).

As there is no need to install software, OS upgrades are trouble-free and the PC environment remains stable.

## Office Networking

This gateway is the ideal solution for business offices where there is an urgent need to share access along with other colleagues. All users will appreciate the fact that PCs, PDAs, and other devices can instantly connect to the Internet via a single hi-speed ADSL point.

Also, this gateway is fully compatible with our ST121g and ST122g, wireless USB clients.

Just a few clicks, and you can have a complete, secure and reliable office network.



## Hardware specifications

### WAN interfaces

- DSL line RJ11
- ADSL, ADSL2, Re-ADSL (annex L), ADSL2+ for POTS and ISDN
- Integrated ISDN So interface (for ISDN back-up) (1)  
Multi-link PPP, Bandwidth Allocation BAP/BACP, Calling Line Identification

(1) Available as option (under SW key)

### LAN interfaces

- 4-port 10 / 100BaseT auto-detect Ethernet switch IEEE 802.3 (RJ45), half- / full-duplex with auto-MDI / MDI-X

### Serial interface

- DIN type

### Wireless interface

- 802.11b/g: guest hot spot functionality (multi-SSID), WEP, WPA Enterprise (802.1x, RADIUS), Wireless Distribution System (WDS), wireless association button
- ST608WL only

### Other

- PCMCIA / CardBus plug-in slot for future extension: GPRS, UMTS, WiMAX, V.90 back-up, ..

## Main features

- Bridging: VLAN (802.1q/p)
- IP Routing: multi-port router (up to 8 PVCs), DiffServ IP QoS, TCP-aware QoS Enhancement
- NAT/PAT, multi-NAT, transparent NAT
- DHCP: Server and client, spoofing
- BOOTP client
- DNS Server and Relay, Dynamic DNS
- Stateful firewall certified (Corporate Category) by ICSA, Intrusion detection, Denial-of-service attack detection and prevention, DMZ
- WAN protocol model:
  - Routed PPPoE/PPPoA
  - Relayed PPPoA and DHCP-to-PPP spoofing
  - Bridged Ethernet / Routed Ethernet
  - Classical IPoA and IPoE
- IP VPN certified by ICSA:
  - IPsec with Public Key Infrastructure (PKI), online and offline PKI enrollment
  - Encryption AES, DES, 3DES
  - Hashing HMAC, MD5, SHA1
  - IP VPN tunnels

	Basic	Advanced*	
Incoming tunnels	16	16	* SW Key Activation
Outgoing tunnels	1	4	

- Support for redundant servers and automatic address allocation

### Physical specifications

- Height: 35 mm (1.38 in.)
- Width: 238 mm (9.30 in.)
- Depth: 185 mm (7.29 in.)
- Color-coded cabling
- Optional wall-mount support

### Operating environment

- Temperature: 0° to 40° C (32° to 105° F)
- Humidity: 20% to 80%

### Power requirements

- AC voltage: 100 to 120 V AC, 220 to 240 V AC; optional 48V DC power supply
- Frequency: 50 / 60 Hz
- Power Cord Lock system to avoid accidental power plug-out
- Power consumption: 12 W maximum

### Installation

- Installation wizard (customizable per operator), installing both the wireless and fixed Ethernet network and ADSL router

### Management

- OS independent
- Fully configurable via user-friendly web-based interface supporting 8 languages, accessible via HTTP and HTTPS/SSL
- Command Line Interface fully available in both menu- or text-mode
- Telnet access to router
- SNMPv1 with MIB II
- Windows XP UPnP presentation and discovery (2)
- Configuration and Software back-up & restore
- Software upgradeable with 2 software images (fail-safe remote upgradeable and easy roll-back)
- UPnP NAT Travers

(2) UPnP™ is a certification mark of the UPnP Implementers Corporation

## For more information

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